

CHAPTER 3

EXTERIOR SIGNS

3-1. Master plan. In order to assure that all installation signage communicates clearly in an efficient and systematic way, it is strongly recommended that an installation sign master plan be prepared. This plan should show the location and content of every proposed exterior identification, guide, mandatory/prohibitory, and informational sign on the installation. The plan consists of two parts, the sign location plan and the sign schedule.

a. Sign location plan. The sign location plan should be prepared using a current site plan of the installation showing all structures and other major features. An ex-

ample of a sign location plan is given in figure 3-1. To prepare a sign location plan, determine the message content, sign type, and preliminary location of each required sign using guidelines in this manual. Field verify the preliminary locations, and if necessary, modify the locations to accommodate existing conditions. Assign and record a sequential number for each sign on the sign location plan.

b. Sign schedule. After preparation of the sign location plan, a sign schedule should be prepared indicating all signs required or proposed using the assigned location numbers. Figure 3-2 is an example of a sign

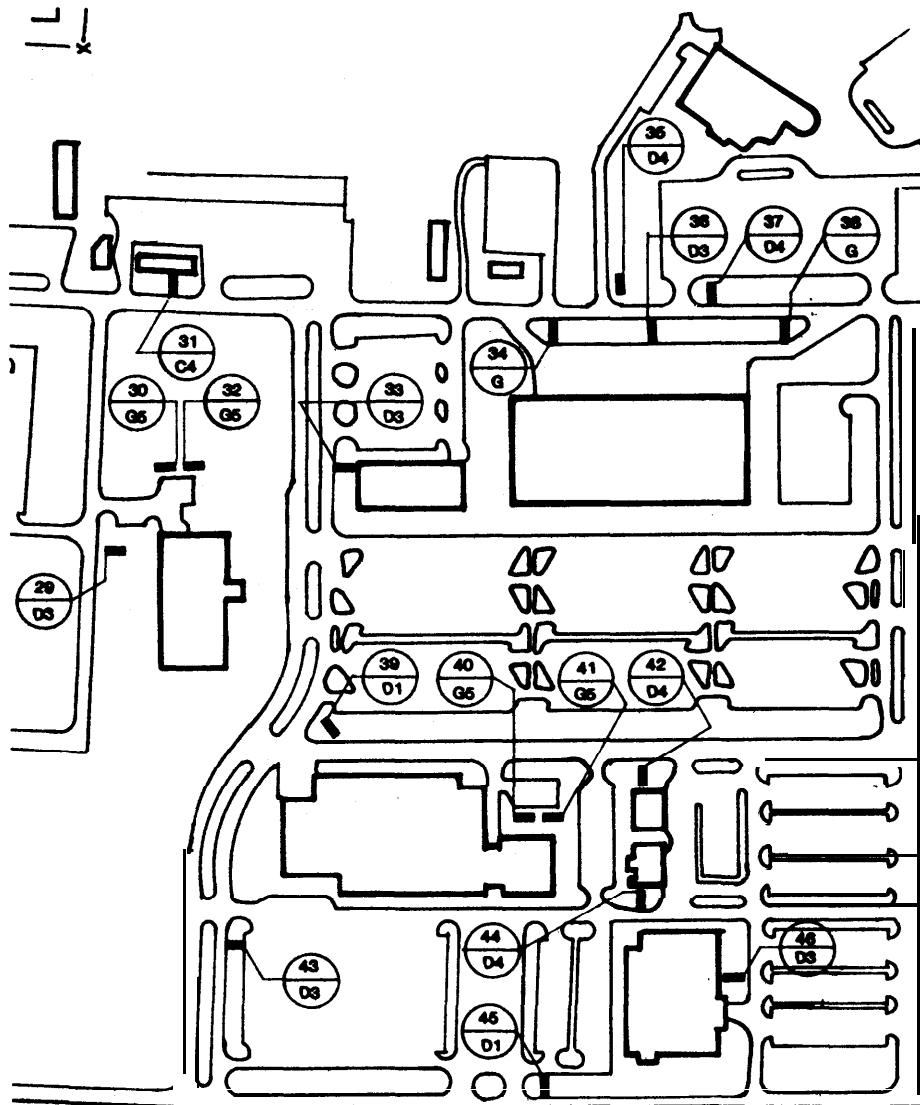


Figure 3-1. Example of a sign location plan.

schedule based on the location plan (fig 3-1). This schedule should include the sign number, building number (if appropriate), exact message, sign type and structural drawing. To provide a basis for an effective maintenance program, include the location, date of erection and purpose (if appropriate), exact message, sign type and structural drawing. To provide a basis for an effective maintenance program, include the location, date of erection and purpose (if appropriate) of each sign in the schedule. The date of erection should be permanently affixed to the back of each sign.

3-2. System organization. The system is comprised of a logical progression of sign types which guide travel to activities or facilities through orientation to major routes within the installation and identification of each destination. The basic sequence consists of -

- Identification of the installation.
- Notification of security enforced on the installation.
- Identification of the major units stationed at the installation.
- Orientation to the site.
- Direction to destinations via street names and addresses.
- Identification of destinations.

This progression of signs is supplemented as required by informational, motivational, and mandatory/prohibitory signage. Consistent and widely understood nomenclature must be used on all signs to avoid confusion. Color is used on sign backgrounds to aid identification of military facilities (brown) and community facilities (blue).

3-3. Installation identification signs. Installation identification signs name the installation and display the official US Army plaque. When used service-wide, these signs convey a uniform image of military strength and stability to the public. Emblems, branch colors, unit mottos, names or titles of individuals are not recommended. Installation identification signs consist of three types:

—Sign type A1, main entrance sign, identifies the principal visitor entrance.

—Sign type A2, secondary entrance sign, identifies entry points with relatively high volumes of visitor traffic.

—Sign type A3, limited access entry gate sign, identifies entry points with limited public access.

Graphics appear on two sides of the signs unless they are to be viewed by incoming traffic only or when they are placed parallel to the road. A concrete or masonry base is recommended consistent with the predominant ar-

Sign Schedule								
Sign Number	Bldg. Number	Message	Sign Type	Drwg. Number	Remarks	Date of Erection	Location	Purpose
29	1152	Library 1152	D3	A6	Grid 2	3/01/83	Weston Ave.	
30	1152	Visitor Parking	G5	A9		3/01/82	Library	
31	1153	Engineering Plans Real Property 1153	C4	A5		4/07/83	Specker Ave.	
32	1152	Visitor Parking	G5	A9		4/07/83	Library	
33	1156	United States Post Office	D3	A6	Grid 1	3/04/83	Flint Ave	
34	1157	No Parking	G	--	MUTCD	2/10/80	Specker Ave.	Limited ROW
35	1159	Continuing Education Center	D4	A7	Grid 1	4/07/83	Specker Ave.	
36	1157	Commissary 1157	D3	A6	Grid 2	6/02/83	Specker Ave.	
37	1159	Service Federal Credit Union	D4	A7	Grid 2	5/22/83	Specker Ave.	

Figure 3-2. Example of a sign schedule.

chitectural style of the installation. When use of a concrete or masonry base would be a traffic hazard, breakaway or yielding sign supports should be used as shown in appendix A. An overview of these signs is shown in figure 3-3. Sign placement guidelines are described in paragraph 3-11. Sign structures are given in appendix A.

a. Main entrance. Type A1 signs are used to identify the principal visitor entrance as illustrated in figure 3-4. The sign face must show the following information only: "United States Army," the installation name, the gate name or number, and the US Army plaque in full

color. No unit name, unit mottos, or names and titles of individuals appear on Type A1 signs. The designation "United States Army" must appear at the top of the sign in accordance with AR 420-70. Place the US Army plaque to the left of the name of the installation. If the name of the installation is over 21 characters, the width of the sign may be increased in 6-inch increments to accommodate the name on one line of copy.

(1) *Colors.* White letters and numbers on standard brown background; full-color plaque,

(2) *Sign grid specifications.*

(a) *Dimensions.* 5ft.-0 in. H x 12ft.-0in. W.

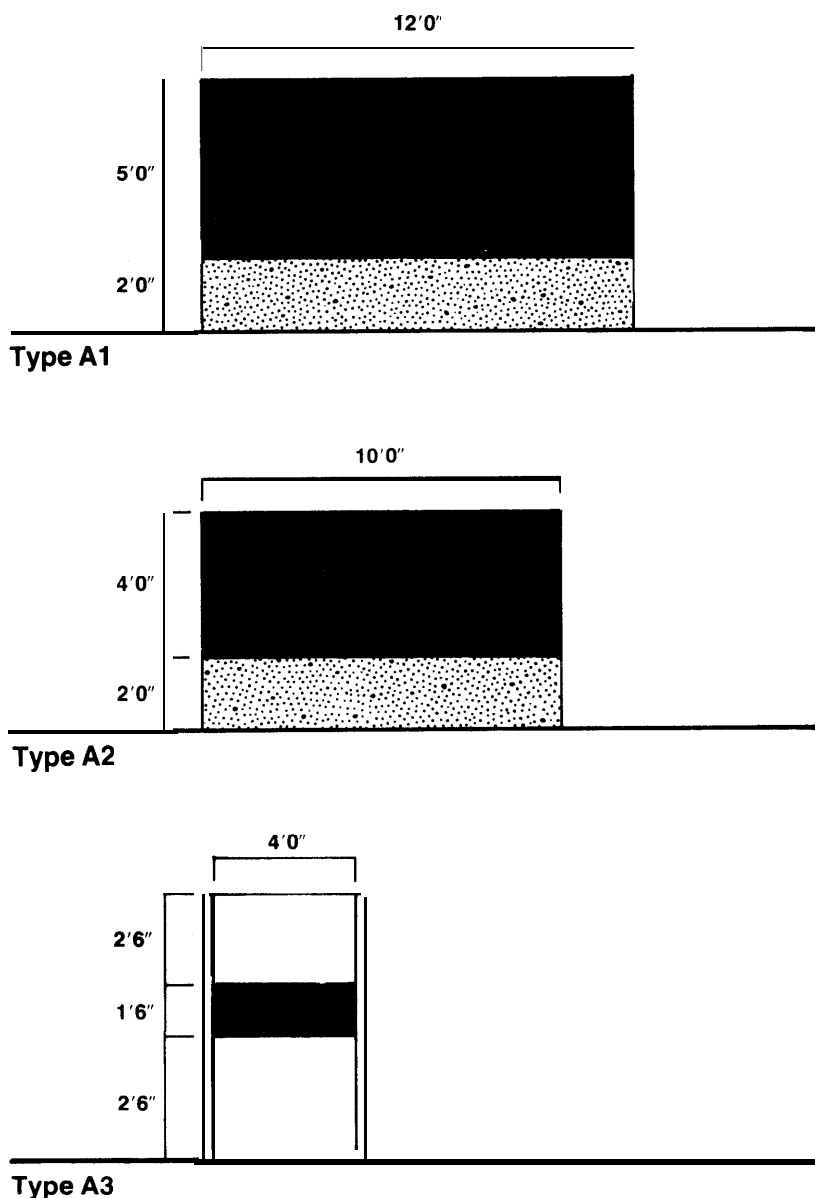


Figure 3-3. Installation identification sign.

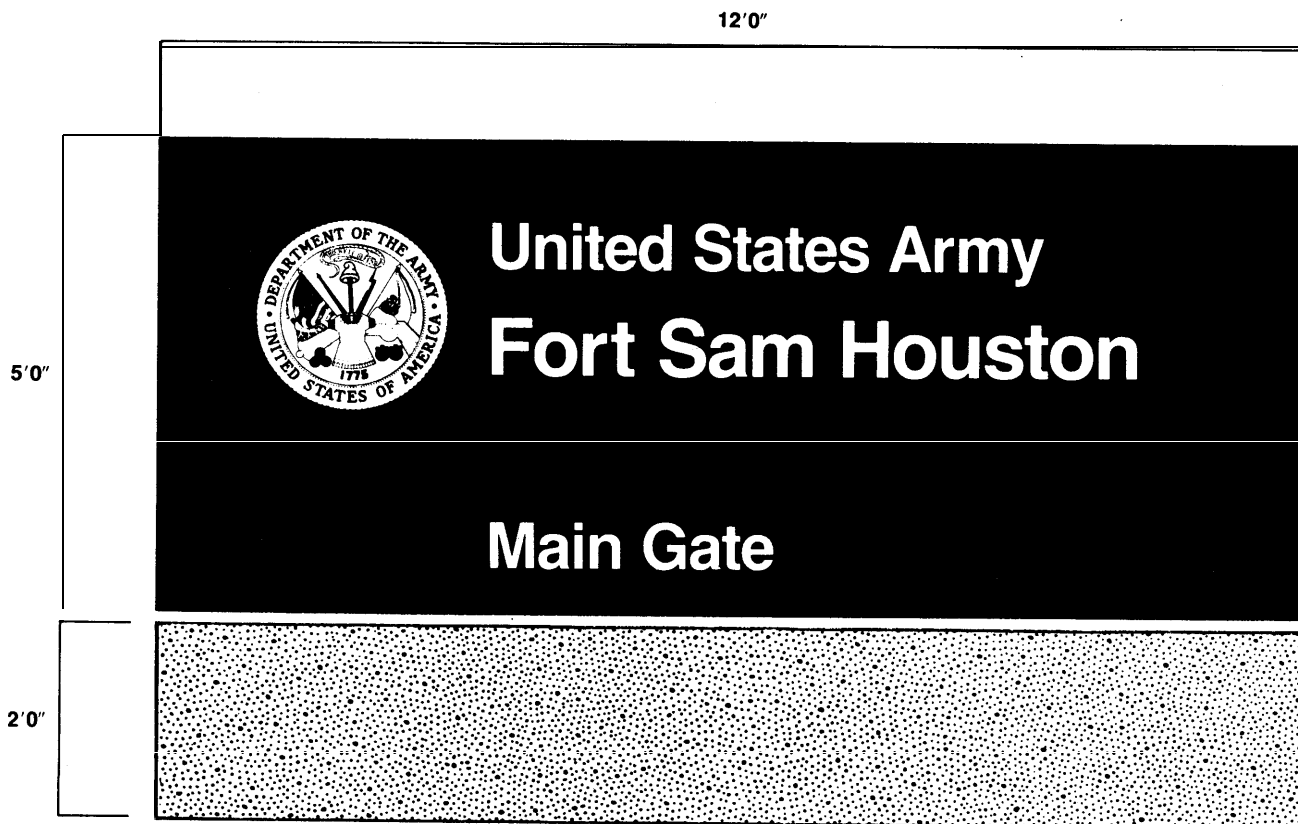


Figure 3-4. Exterior identification sign type A1—main entrance.

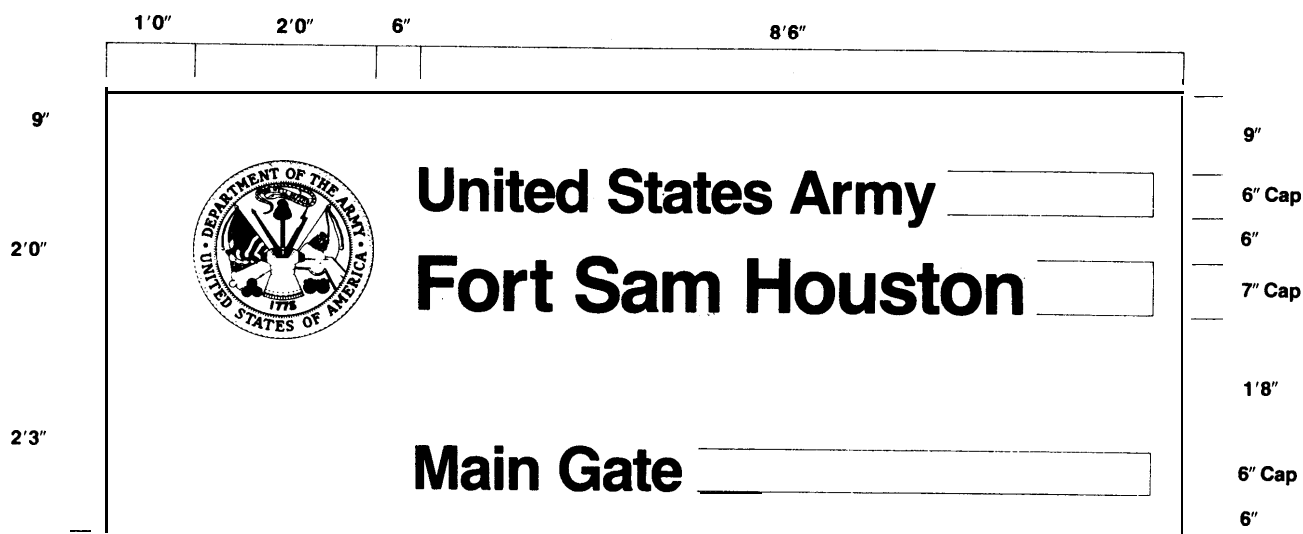


Figure 3-5. Exterior identification sign type A1 — main entrance sign grid.

(b) *Message.* "United States Army"—upper and lower case helvetica medium, 6-inch capital letter height, flush left. Installation name—upper and lower case helvetica medium, 7-inch capital letter height, flush left. Average line length-21 characters per line.

(c) *Gate name or number.* Upper and lower case helvetica medium, 6-inch capital letter height, flush left.

(d) *Plaque.* Official United States Army Plaque; 2ft-0in. diameter.

(3) *Sign grid* Figure 3-5.

b. *Secondary entrance.* Type A2 signs are used to identify entrances which receive high volumes of visitor traffic in addition to the main gate. An example of a secondary entrance sign is shown in figure 3-6. Secondary entrance signs display the same information as main gate entrance signs, but the overall size is smaller. Design guidelines that apply to the sign face of the main entrance sign also apply to the secondary entrance sign,

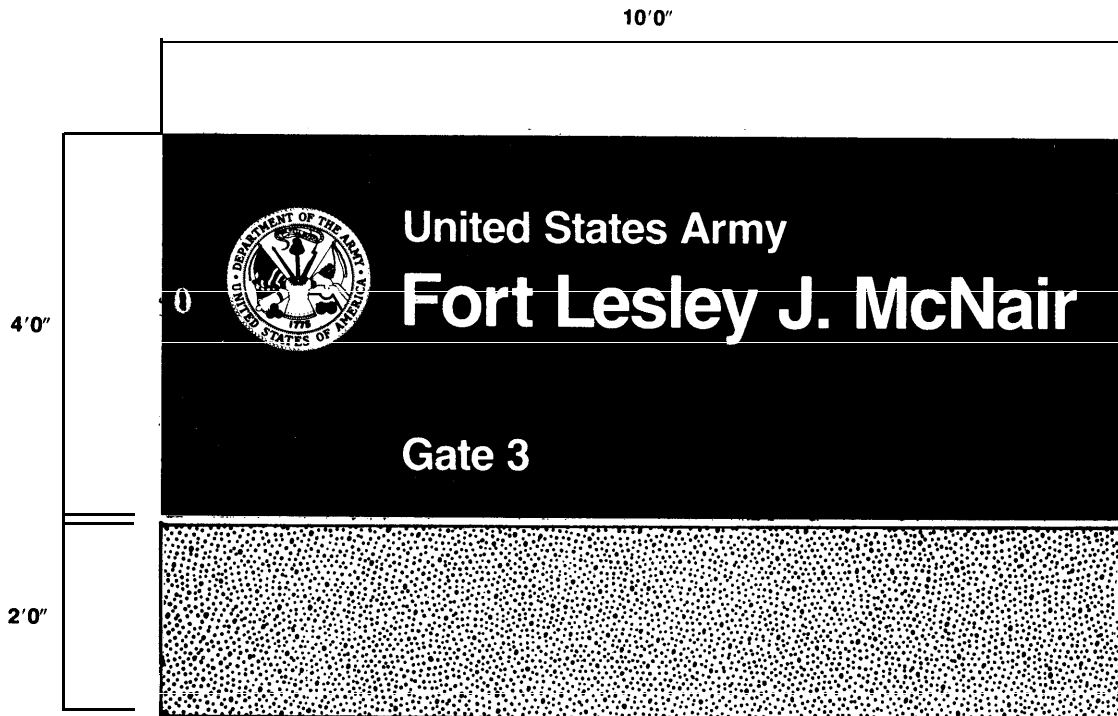


Figure 3-6. Exterior identification sign type A2 — secondary entrance.

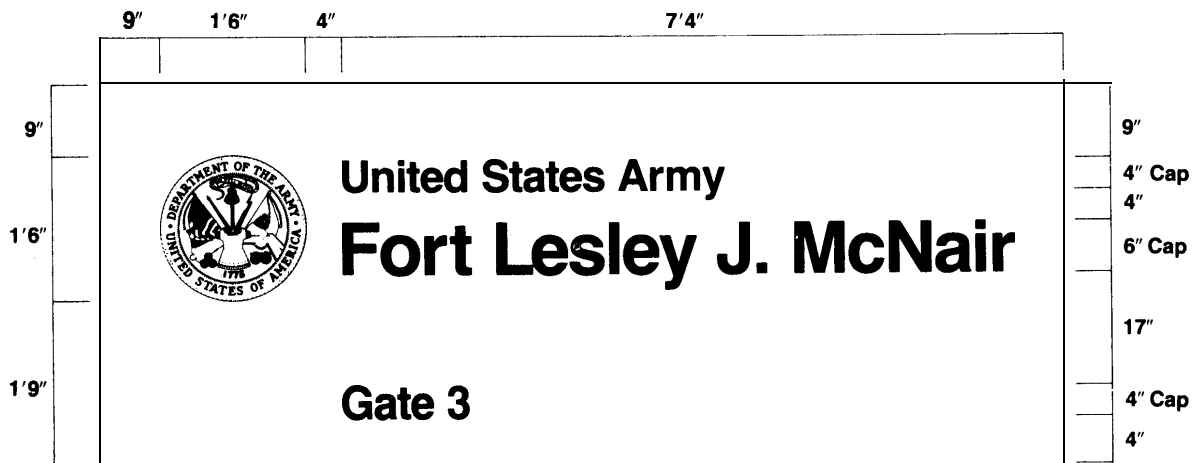


Figure 3-7. Exterior identification sign type A2 — secondary entrance sign grid.

If the name of the installation is over 21 characters, the width of the sign may be increased in 6-inch increments to accommodate the name on one line of copy.

(1) *Colors.* White letters and numbers on standard brown background; full-color plaque.

(2) *Sign grid specifications.*

(a) *Dimensions.* 4ft-0in. H x 10 ft-0in. W.

(b) *Message.* "United States Army," upper and lower case helvetica medium, 4-inch capital letter height, flush left. Installation name, upper and lower case helvetica medium, 6-inch capital letter height, flush left, Average line length—21 characters per line.

(c) *Gate number.* Upper and lower case helvetica medium, 4-inch capital letter height, flush left.

(d) *Plaque.* Official United States Army Plaque, 1ft-6in. diameter.

(3) *Sign grid.* Figure 3-7.

c. *Limited gate access.* Type A3 signs are used to identify secondary entrances which are used primarily by installation personnel and not by visitors. An example of this type of sign is illustrated in figure 3-8. Roads used primarily by installation personnel do not require major identification signs such as types A1 and A2. In situations where the entry gate is located a long distance from the entrance, type A3 maybe used in combination with type A1 or A2 to repeat the installation name. In restricted areas type A3 is used in conjunction with mandatory/prohibitory signs discussed in paragraph 3-9. If the name of the installation is over 15 characters, the capital letter height may be reduced using one inch increments to accommodate the name on one line of copy (fig 3-9, expanded sign grid.).

(1) *Colors.* White letters and numbers on standard brown background.

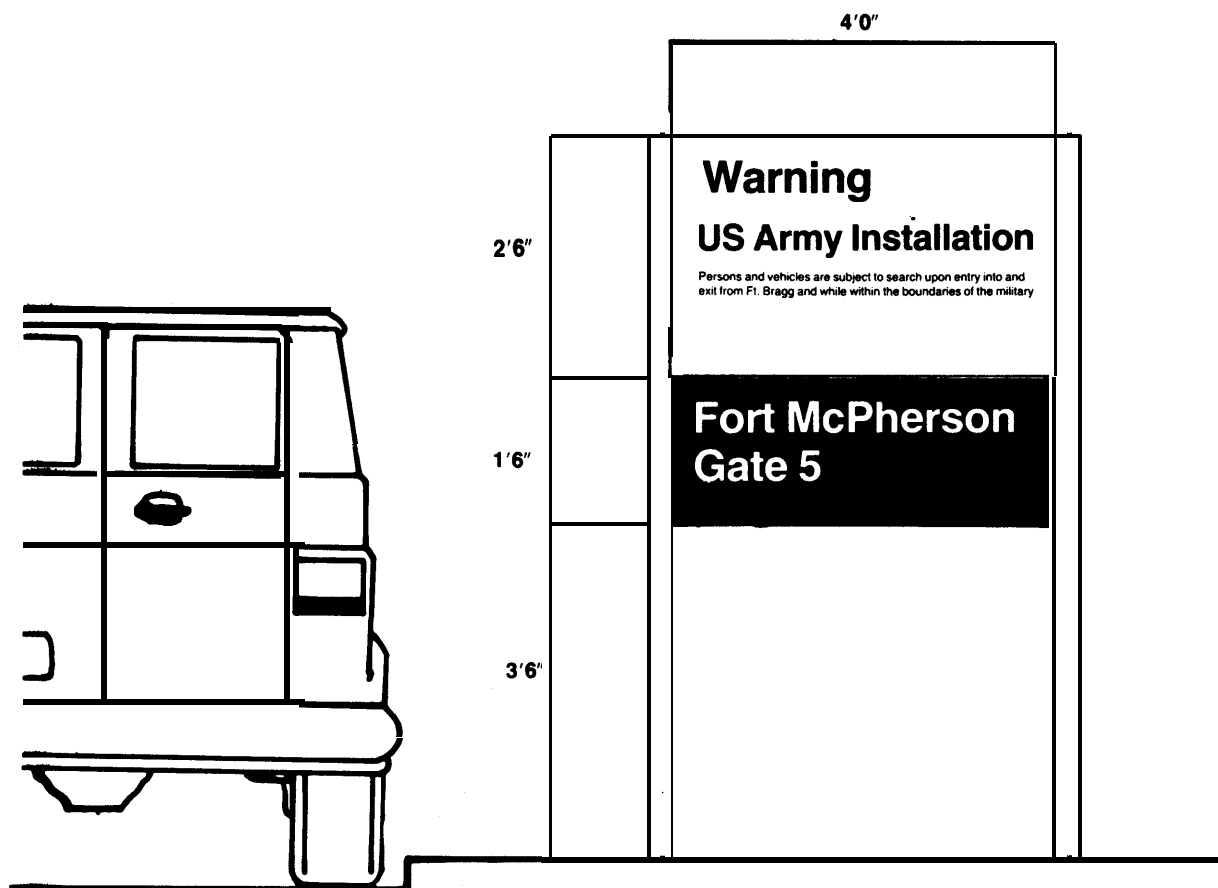


Figure 3-8. Exterior identification sign type A3 — limited gate access.

(2) *Sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 4ft-0in. W.

(b) *Message.* Installation name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—15 characters per line.

(c) *Gate number.* Upper and lower case helvetica medium, 4-inch capital letter height, flush left. Copy— 1/2 cap height from the message line above. Average line length—15 characters per line.

(3) *Expanded sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 4ft-in. W.

(b) *Message.* Installation name, upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—22 characters per line.

(c) *Gate number.* Upper and lower case helvetica medium, 3-inch capital letter, flush left. Copy— 1/2 cap

height from the message line above. Average line length—22 characters per line.

(4) *Sign grids.* Figure 3-9.

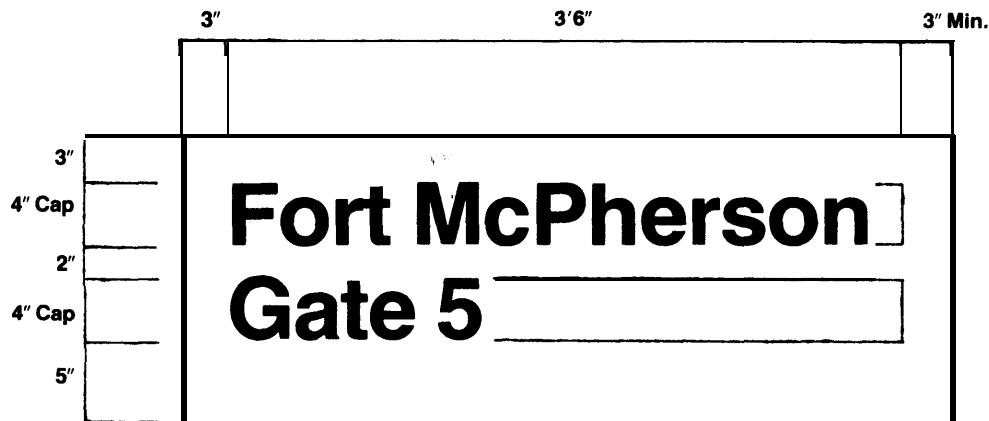
3-4. Military headquarters identification signs. Military headquarters identification signs are

separated into four categories and sizes to distinguish the different levels of unit authority. The sign face carries the unit name and insignia, emblem, or branch color as appropriate. Unit mottos or names and titles of individuals are not recommended. Military headquarters identification signs consist of four types:

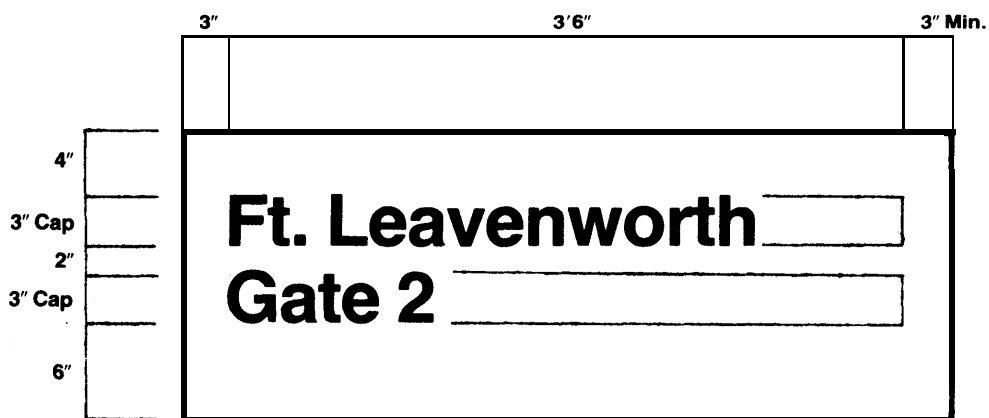
—Sign type B1, installation headquarters sign, identifies the central administration of the installation.

—Sign type B2, command, division, and brigade headquarters sign.

—Sign type B3, battalion headquarters sign.

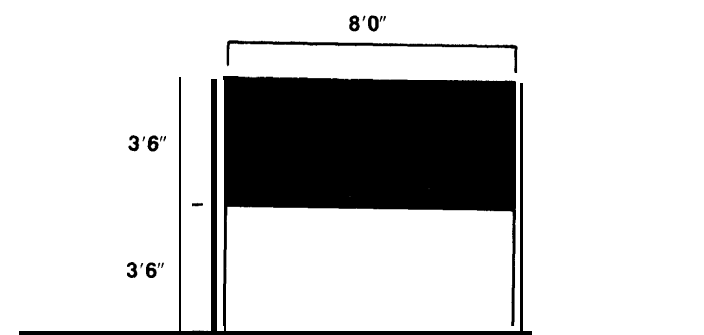


Sign grid, 1'6" H x 4'0" W sign panel

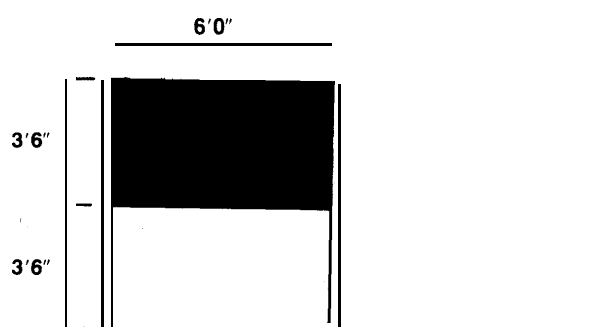


Expanded sign grid, 1'6" H x 4'0" W sign panel

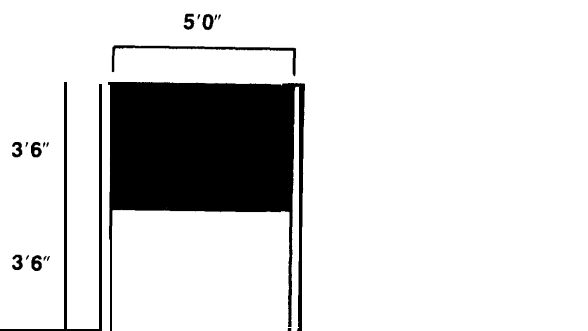
Figure 3-9. Exterior identification sign type A3 — limited gate access sign grid.



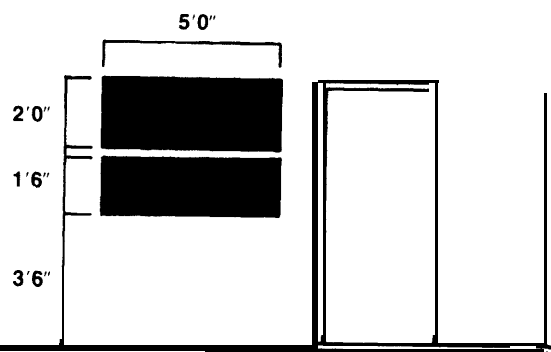
Type B1



Type B2



Type B3



Type B4, with plaque

Figure 3-1C. Military headquarters identification signs.

— Sign type B4, headquarters building entrance sign, identifies the building entrance for all levels of authority. In addition, type B4 is used to identify a unit headquarters that has a special entry point other than the main entrance of a building.

Graphics appear on both sides of these signs, since they are placed perpendicular to the road and can be viewed by traffic moving in both directions with the exception of type B4 sign which is wall-mounted. An overview of these signs is shown in figure 3-10. Sign placement guidelines are described in paragraph 3-11. Sign structures are given in appendix A.

a. *Installation headquarters.* Type B 1 signs are used to identify the headquarters facilities of each installation as delineated in figure 3-11. When the headquarters of a command or division level organization is located in the same facility as the installation headquarters, the unit name is placed below the installation name. In addition, the authorized insignia of the command or division level unit is located to the left of the unit name.

(1) Colors. White letters and numbers on standard brown background; full-color insignia.

(2) *Sign grid specifications.*

(a) *Dimensions.* 3ft-6in. H x 8ft-0in. W.

(b) *Message.* Installation name—upper and lower case helvetica medium, 6-inch capital letter height, flush left. Average line length—21 characters per line. “Headquarters”—upper and lower case helvetica regular, 6-inch capital letter height, flush left. Average line length—24 characters per line. Command or division level name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—27 characters per line.

(c) *Insignia.* Authorized military insignia, 12-inch maximum height x 8-inch maximum width, flush to top of grid box and centered.

(3) *Sign grid.* Figure 3-12.

b. *Command, division, and brigade headquarters.* Type B2 signs are used to identify the headquarters facilities of command, division and brigade level

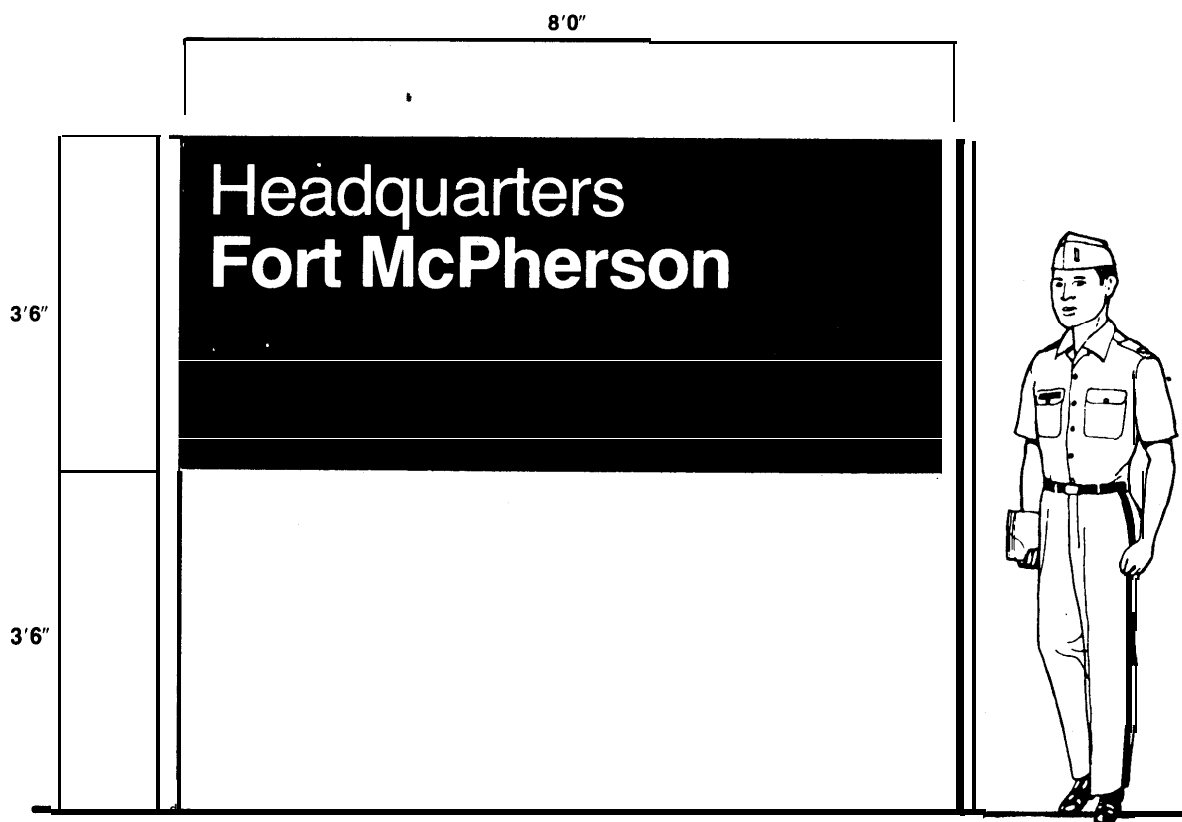


Figure 3-11. Exterior identification sign type B1 — installation headquarters.

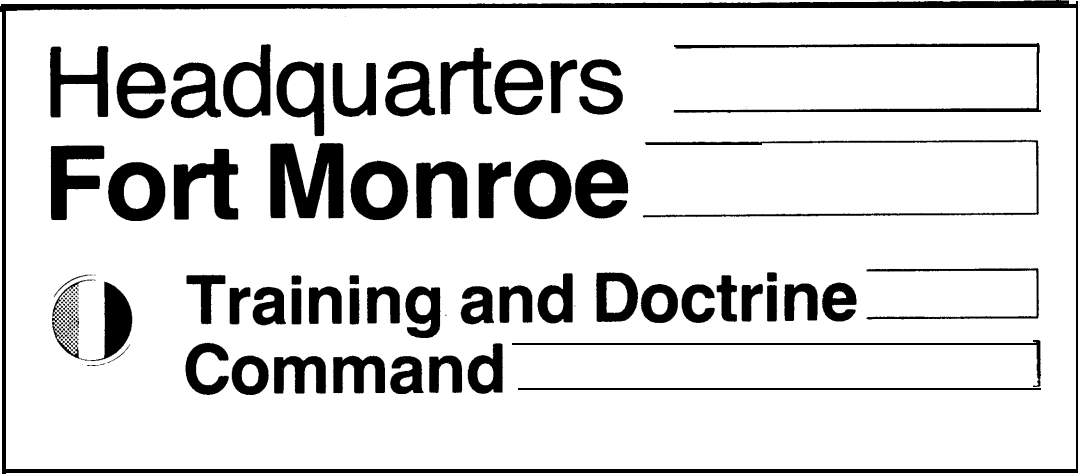
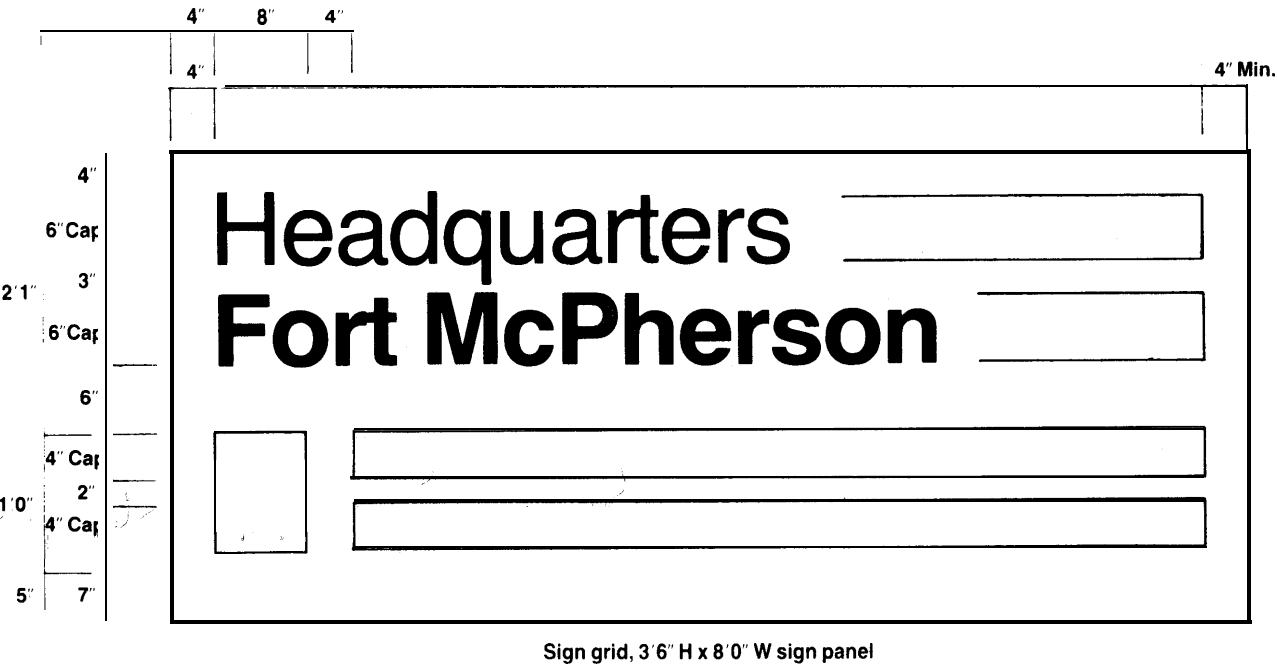


Figure 3-12. Exterior identification sign type B1 — installation headquarters sign grid.

organizations as shown in figure 3-13. The authorized shoulder sleeve insignia or distinctive unit insignia for each command or division is located to the left of the unit name. Brigade level organizations show the name of the command or division under which each serves below the unit name, and display the command or division insignia to the left of the unit name. Only one headquarter unit is identified per sign.

(1) *Colors.* White letters and numbers on standard brown background; full-color insignia.

(a) *Dimensions.* 3ft-6in. H x 6ft-0in. W.

(b) *Message.* Unit name-upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length-17 characters per line. "Headquarters"—upper and lower case helvetica regular, 4-inch capital letter height, flush left. Average line length-25 characters per line.

(c) *Building number.* Helvetica regular, 4-inch number height, flush left.

(d) *Insignia.* Authorized military insignia, 12-inch maximum height x 8-inch maximum width, flush to top of grid box and centered.

(3) *Sign grid.* Figure 3-14.

c. *Battalion headquarters.* Type B3 signs are used to identify the headquarters facilities of battalion level organizations as shown in figure 3-15. The name of the command or division under which each serves is shown below the unit name. The authorized branch color(s) of the unit is located to the left of the unit name. Battalion headquarters signs do not display the command or division level organizational insignia.

(1) *Colors.* White letters and numbers on standard brown background; full-color symbol.

(2) *Sign grid specifications.*

(a) *Dimensions.* 3ft-6in. H x 5ft-0in. W.

(b) *Message.* Unit name-upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—20 characters per line. "Headquarters"—upper and lower case helvetica regular, 4-inch capital letter height, flush left. Average line length—22 characters per line.

(c) *Symbol.* 6-inch diameter overall, 1/4 -inch perimeter ring in white, 1-inch border ring in secondary branch color.

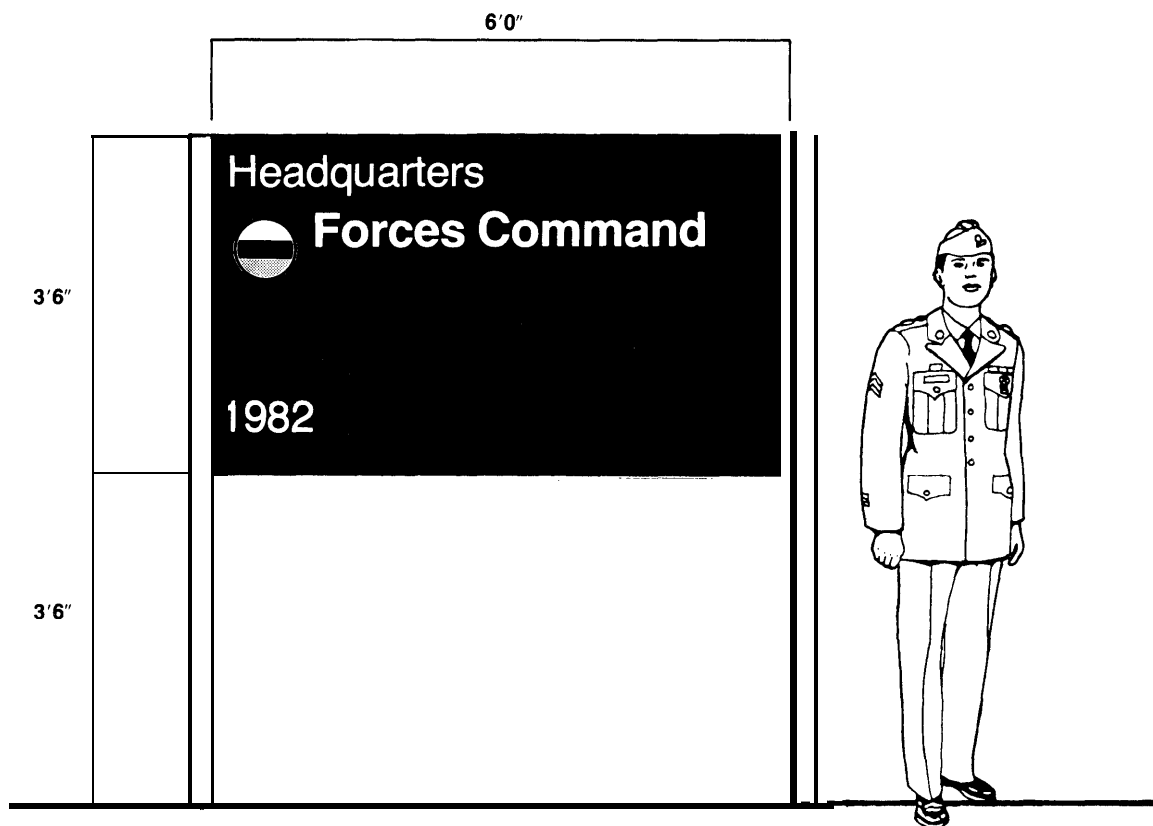


Figure 3-13. Exterior identification sign type B2 — command, division, and brigade headquarters.

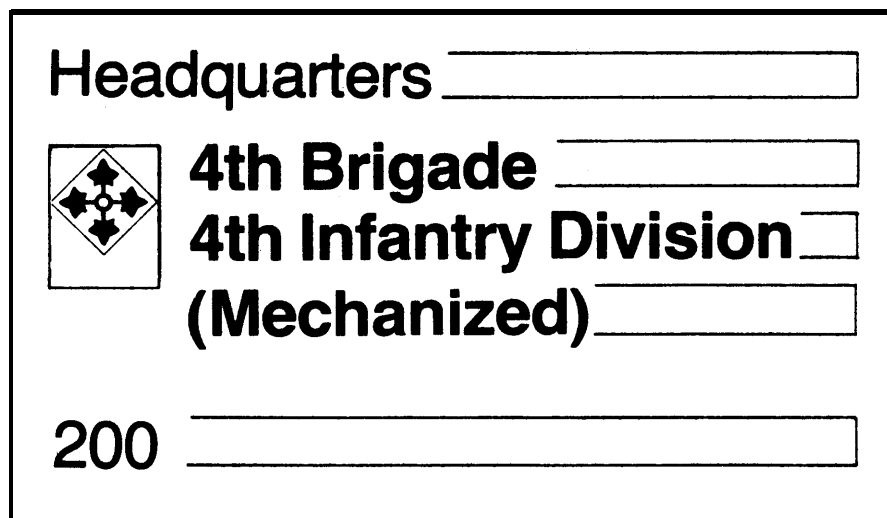
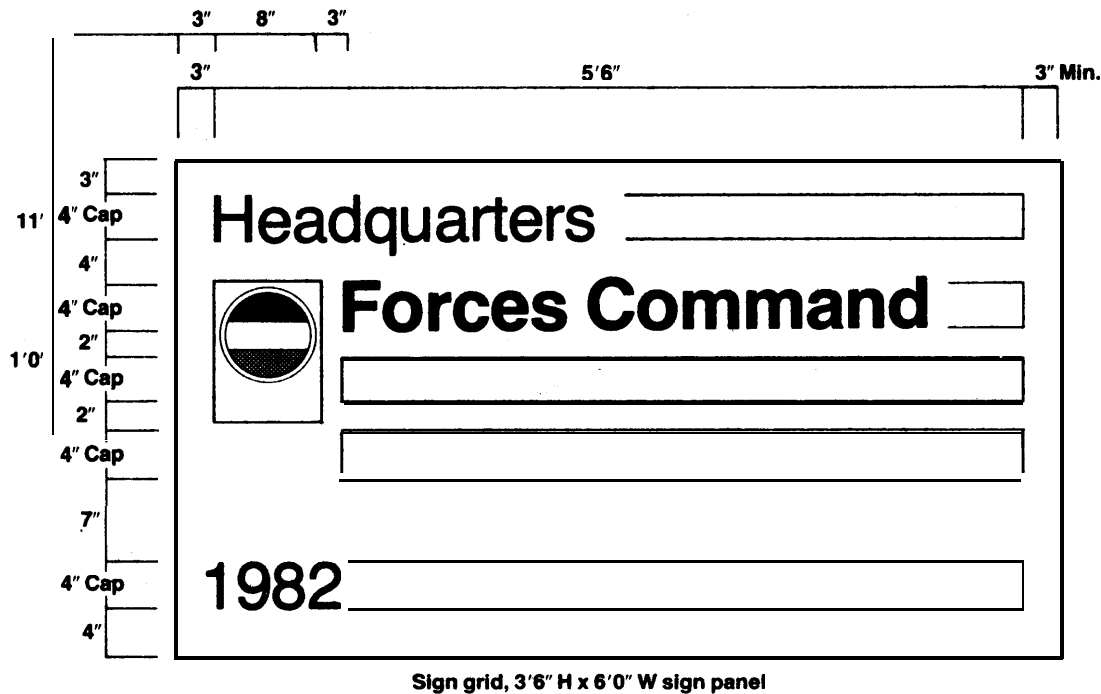


Figure 3-14. Exterior identification sign type B2 — command, division, and brigade headquarters sign grid.

(d) *Building number.* Helvetica regular, 4-inch number height, flush left.

(3) *Sign grid.* Figure 3-16.

d. *Headquarters entrance.* There are two signs used to identify the building entrances of headquarters facilities. These are illustrated in figure 3-17. The basic sign panel identifies the unit of the headquarters facility and a sign plaque identifies the command personnel of the unit. The sign panel is used alone or in combination with the plaque. The panel shows the name of the unit and displays the authorized insignia of command or division level organizations or the authorized branch color(s) of battalion level organizations. The appropriate insignia is placed to the left of the unit name. Installation headquarter entrances do not display insignias, emblems, or symbols. Names and titles of individuals shown on the sign plaque which exceed 32 characters should be abbreviated to fit on one line of copy. Type B4 signs are wall-mounted.

(1) *Colors.* White letters on standard brown background; full-color insignia or symbol.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 2ft-0in. H x 5ft-0in. W.

(b) *Message.* Installation name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length- 19 characters per line. “Headquarters” —upper and lower case helvetica regular, 4-inch capital letter height, flush left. Average line length-22 characters per line.

(3) *Sign grid 2 specifications.*

(a) *Dimensions.* 2ft-0in. H x 5ft-0in. W.

(b) *Message.* Unit name—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length-21 characters per line. “Headquarters” —upper and lower case helvetica regular, 4-inch capital letter height, flush left. Average line length—22 characters per line.

(c) *Insignia or symbol.* Authorized military insignia, 9-inch maximum height x 6-inch maximum width, flush to top of grid box and centered. Branch symbol, 6-inch diameter overall, 1/4-inch perimeter ring in white, 1-inch border ring in secondary branch color.

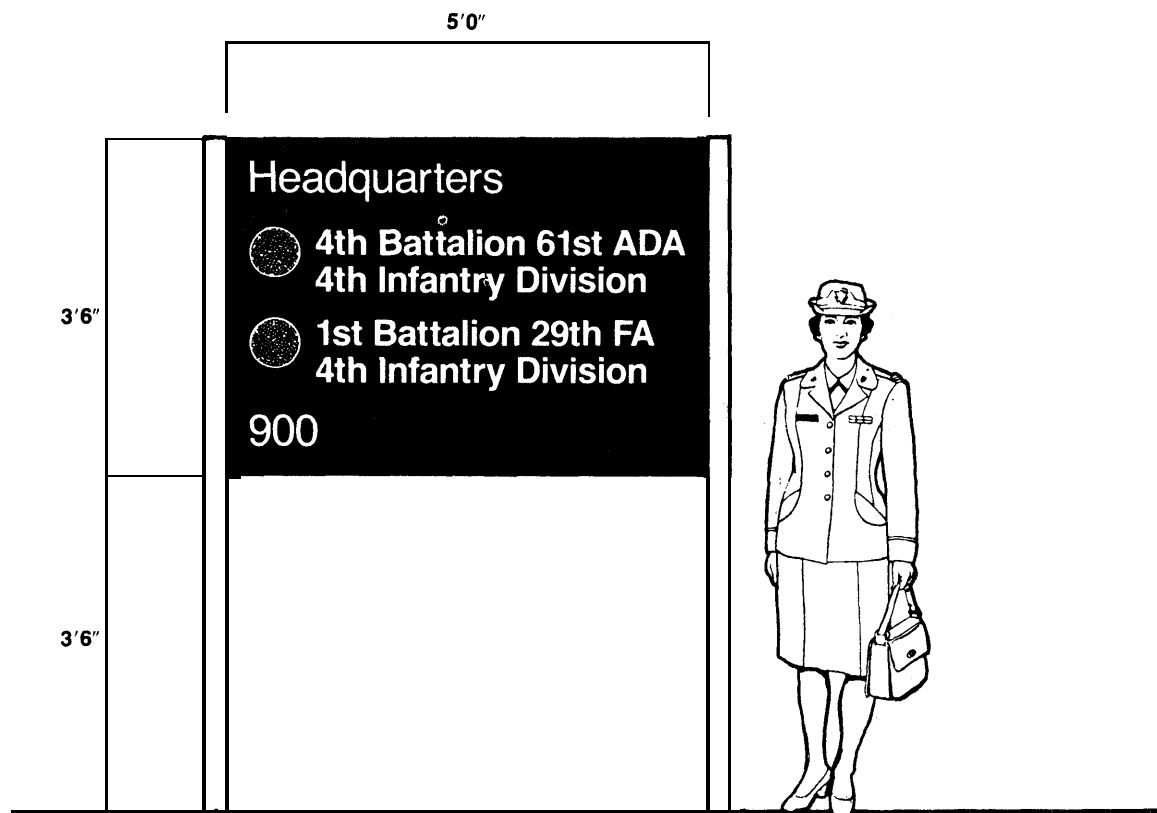
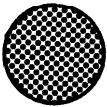


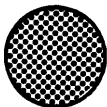
Figure 3-15. Exterior identification sign type B3 — battalion headquarters.

	3"	6"	3"
	3"		4'6"
			3" Min.
11"	3"		
	4" Cap		
	4"		
6"	3" Cap		
	1 1/2"		
6"	3" Cap		
	3"		
6"	3" Cap		
	1 1/2"		
	3" Cap		
	5"		
	4" Cap		
	4"		

Headquarters _____

 **4th Battalion 61st ADA**

4th Infantry Division _____

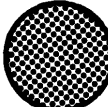
 **1st Battalion 29th FA** _____

4th Infantry Division _____

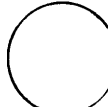
900 _____

Sign grid, 3'6" H x 5'0" W sign panel

Headquarters _____

 **27th Field Artillery** _____

4th Infantry Division _____

 _____

922 _____

Figure 3-16. Exterior identification sign type B3 — battalion headquarters sign grid.

(4) *Sign plaque specifications.*

(a) *Dimensions.* 1ft-6in. H x 5ft-0in. W.

(b) *Message.* Command personnel-upper and lower case helvetica medium, 2-inch capital letter height, flush left. Average line length-32 characters per line. Abbreviate names exceeding this length.

(5) *Sign grids.* Figure 3-18.

3-5. Military facility identification signs.

Military facility identification signs are used to identify company level organizations and other military facilities, not included in the installation identification or military headquarters sign types. Insignias, emblems, branch colors, unit mottos, names or titles of individuals are not recommended for use on these signs. Military facility identification signs consist of eight types:

—Sign type C 1, centralized primary facilities sign, identifies multiple service units in one or a complex of buildings. In addition, one service unit comprised of sub-services which are used by a large volume of military and civilian personnel may be identified by type c1.

—Sign type C2, centralized secondary facility sign may be used where the volume of civilian traffic does not warrant the use of sign type C 1, such as military unit storage facilities.

—Sign type C3, primary facility sign, identifies a large scale facility serving a large volume of military and civilian personnel, but does not list individual service units or sub-services.

—Sign type C4, secondary facility sign, identifies company level organizations and individual service units .

—Sign type C5, primary entrance sign, identifies the main entry points of a service facility.

—Sign type C6, secondary entrance sign, identifies the same information as type C5, but is smaller in size.

—Sign type C7, restricted facility, identifies the facility name or area which is restricted.

—Sign type C8, building number,

Graphics appear on both sides of these signs, since they are placed perpendicular to the road and can be viewed by traffic moving in both directions with the exception of entrance signs and building numbers which are wall-mounted. An overview of these signs is shown in figure

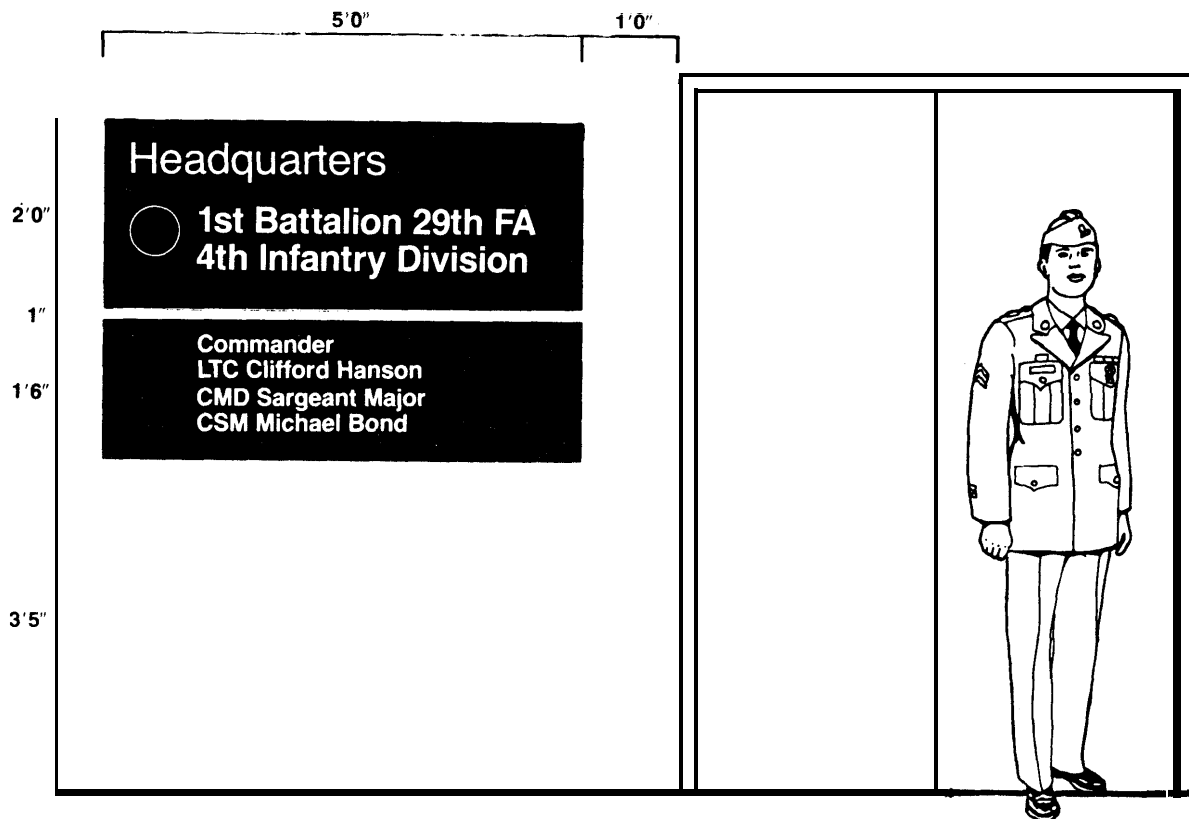
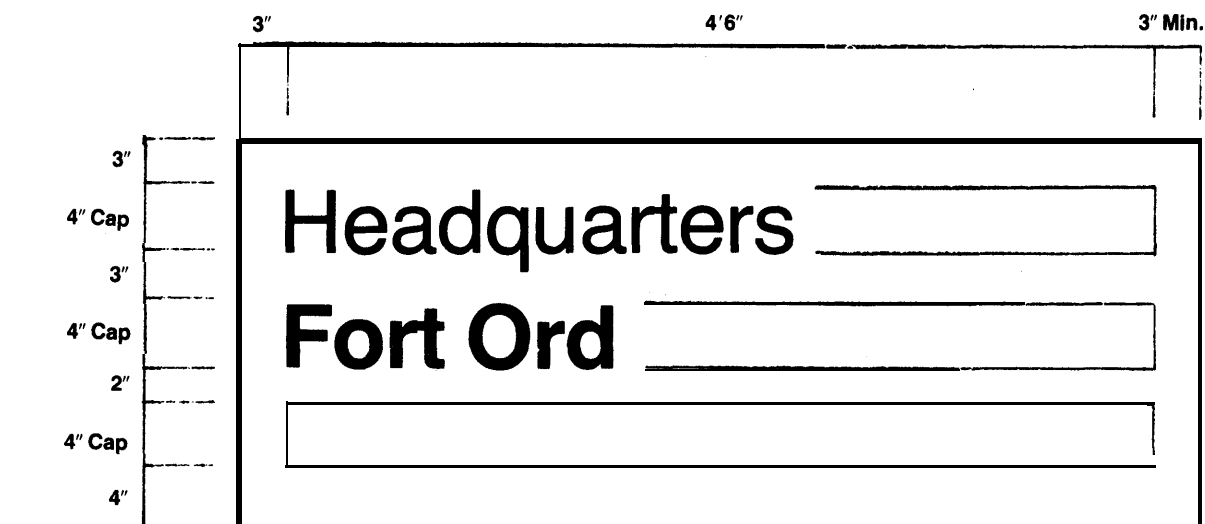
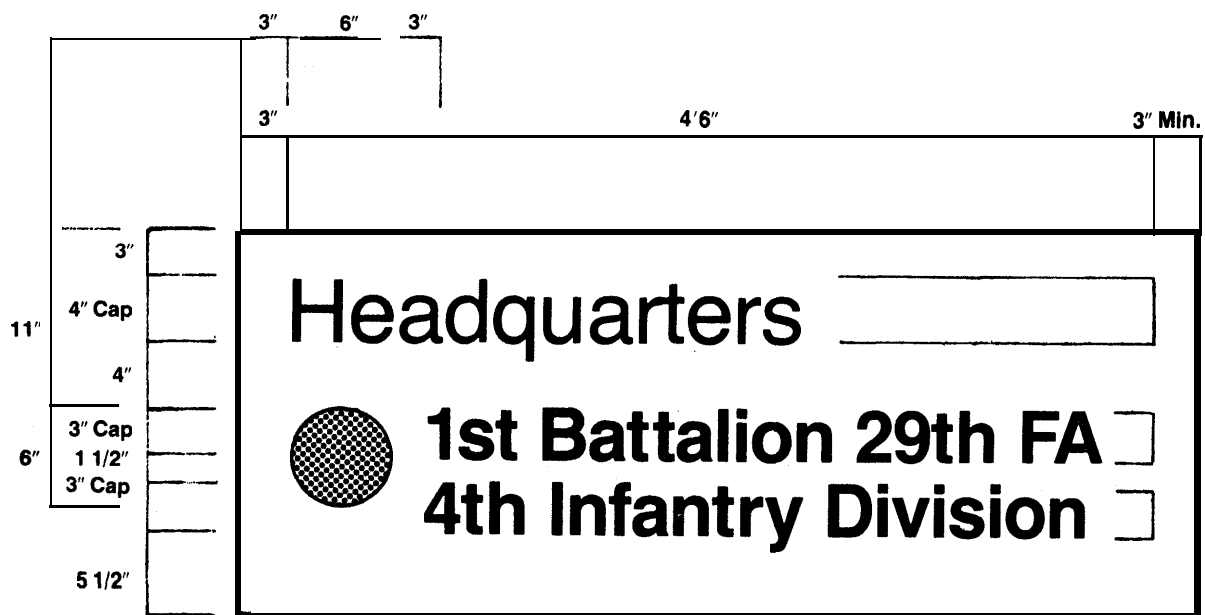


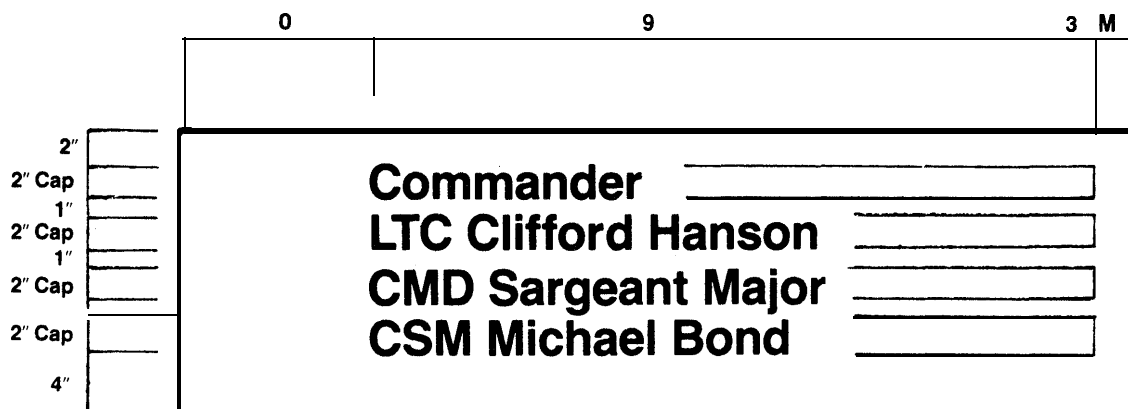
Figure 3-17. Exterior identification sign type B4 — headquarters entrance.



Sign grid 1, 2'0" H x 5'0" W sign panel



Sign grid 2, 2'0" H x 5'0" W sign panel



Plaque grid, 1'6" H x 5'0" W sign plaque

Figure 3-18. Exterior identification sign type B4 — headquarters entrance sign grid.

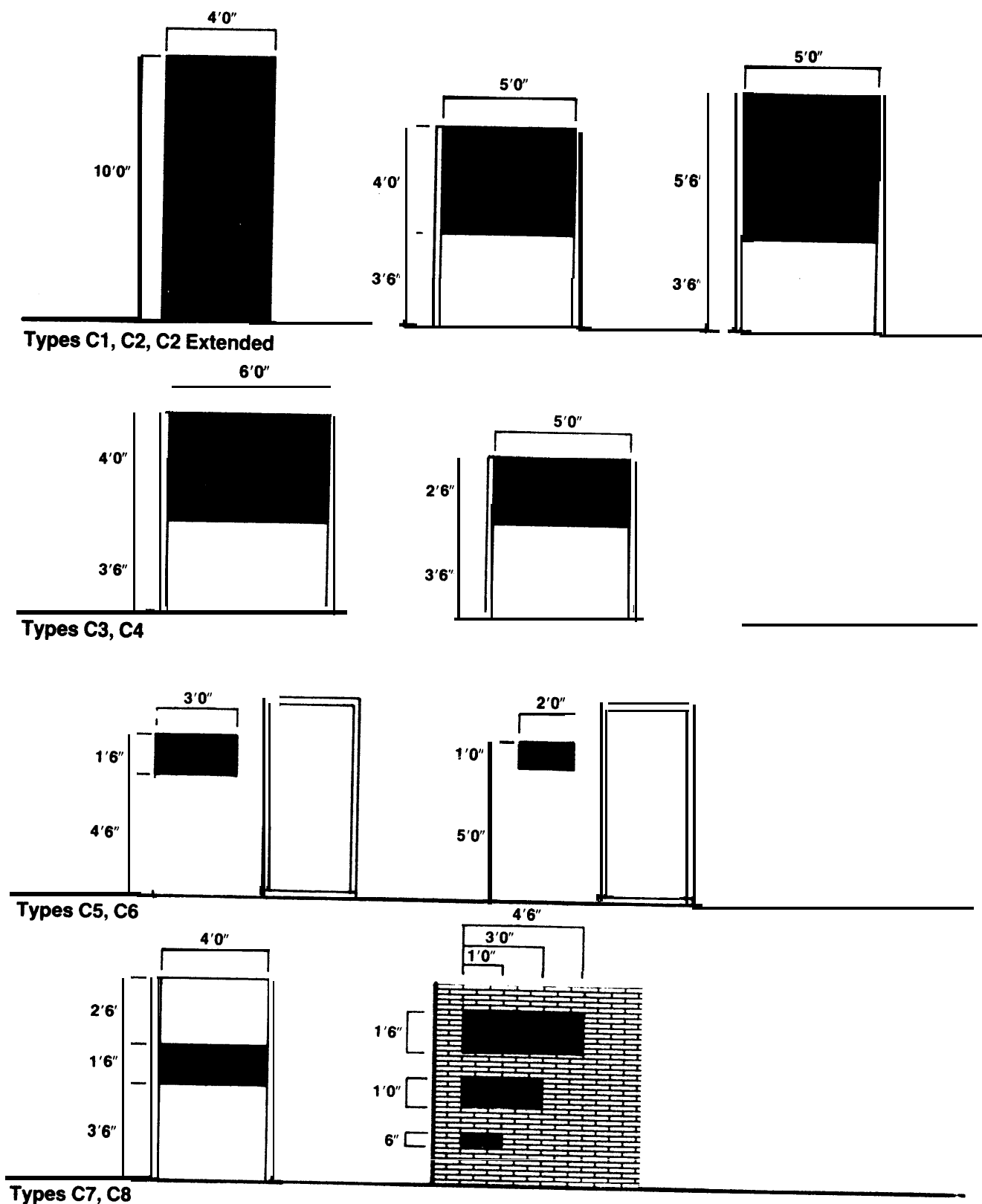


Figure 3-19. Military facility identification signs.

3-19. Sign placement guidelines are described in paragraph 3-11. Sign structures are given in appendix A.

a. Centralized primary facilities. Type C1 signs are used to identify principal sub-services of a major service unit or multiple service units located in one or a complex of buildings. An example of this type of sign is illustrated in figure 3-20. When a facility has one major service unit with sub-services used by a large volume of military and civilian personnel, type C 1 sign grid 1 is used as shown in figure 3-21. If a facility has more than one major service unit or none, type C 1 sign grid 2 is used as shown in figure 3-22.

(1) *Colors.* White letters and numbers on standard brown background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 10ft-0in. H x 4ft-0in. W.

(b) *Message.* Service unit name—upper and lower case helvetica medium, 4-inch capital letter

height, flush left. Average line length—15 characters per line. Sub-service names—upper and lower case helvetica regular, 3-inch capital letter height, flush left. Average message area—eight lines with a line length of 23 characters per line. Abbreviate names exceeding this length.

(c) *Building number.* Helvetica regular, 4-inch capital letter height, flush left.

(d) *Rule.* 1/4-inch wide white tape.

(3) *Sign grid 1.* Figure 3-21.

(4) *Sign grid 2 specifications.*

(a) *Dimensions.* 10ft-0in. H x 4ft-0in. W.

(b) *Message.* Service units and sub-service names—upper and lower case helvetica regular, 3-inch capital letter height, flush left. Average message area—eight lines with a line length of 23 characters per line. Abbreviate names exceeding this length.

(c) *Building number.* Helvetica medium, 4-inch number height, flush left.

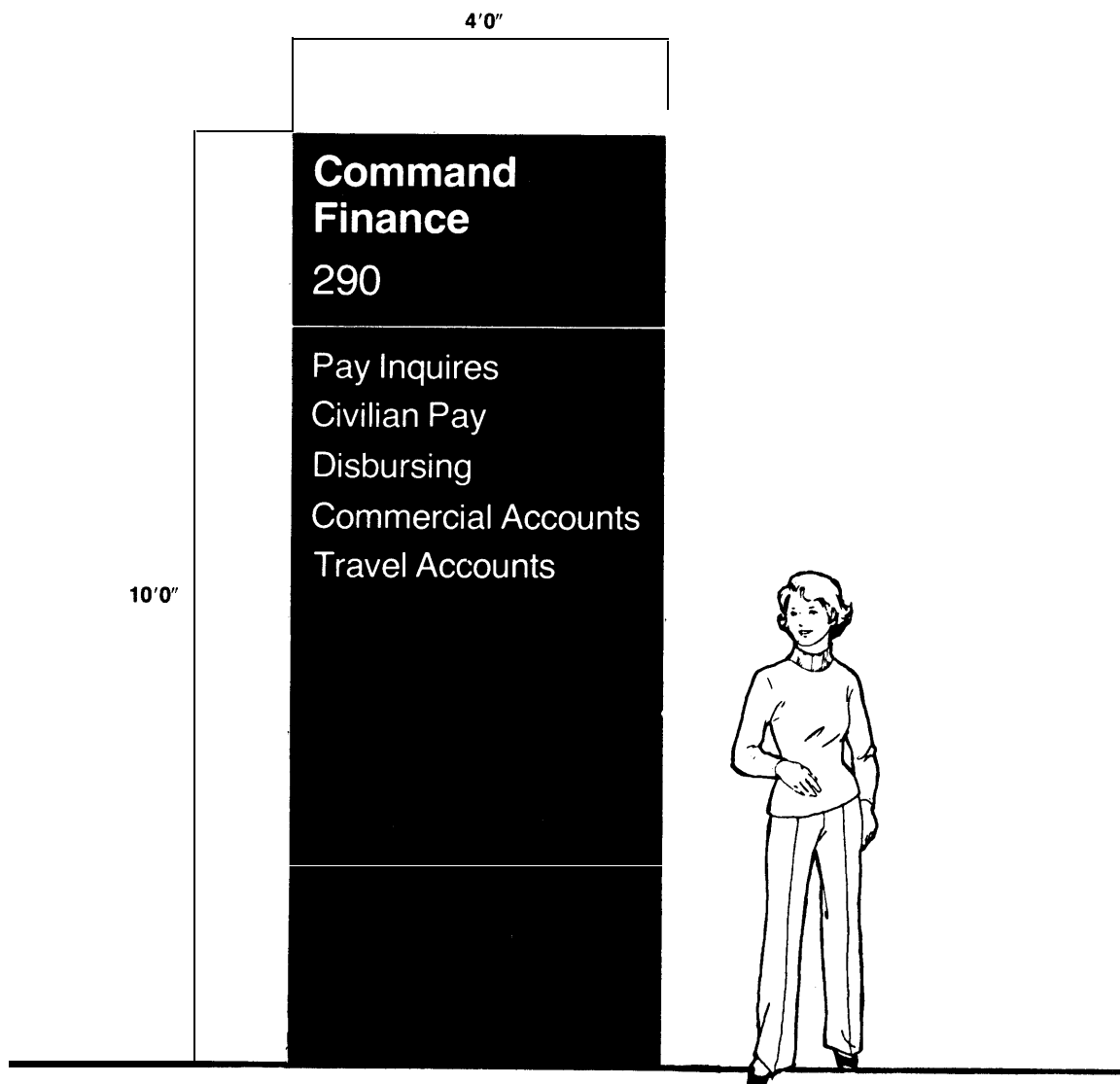


Figure 3-20. Exterior identification sign type C1 — centralized primary military facility.

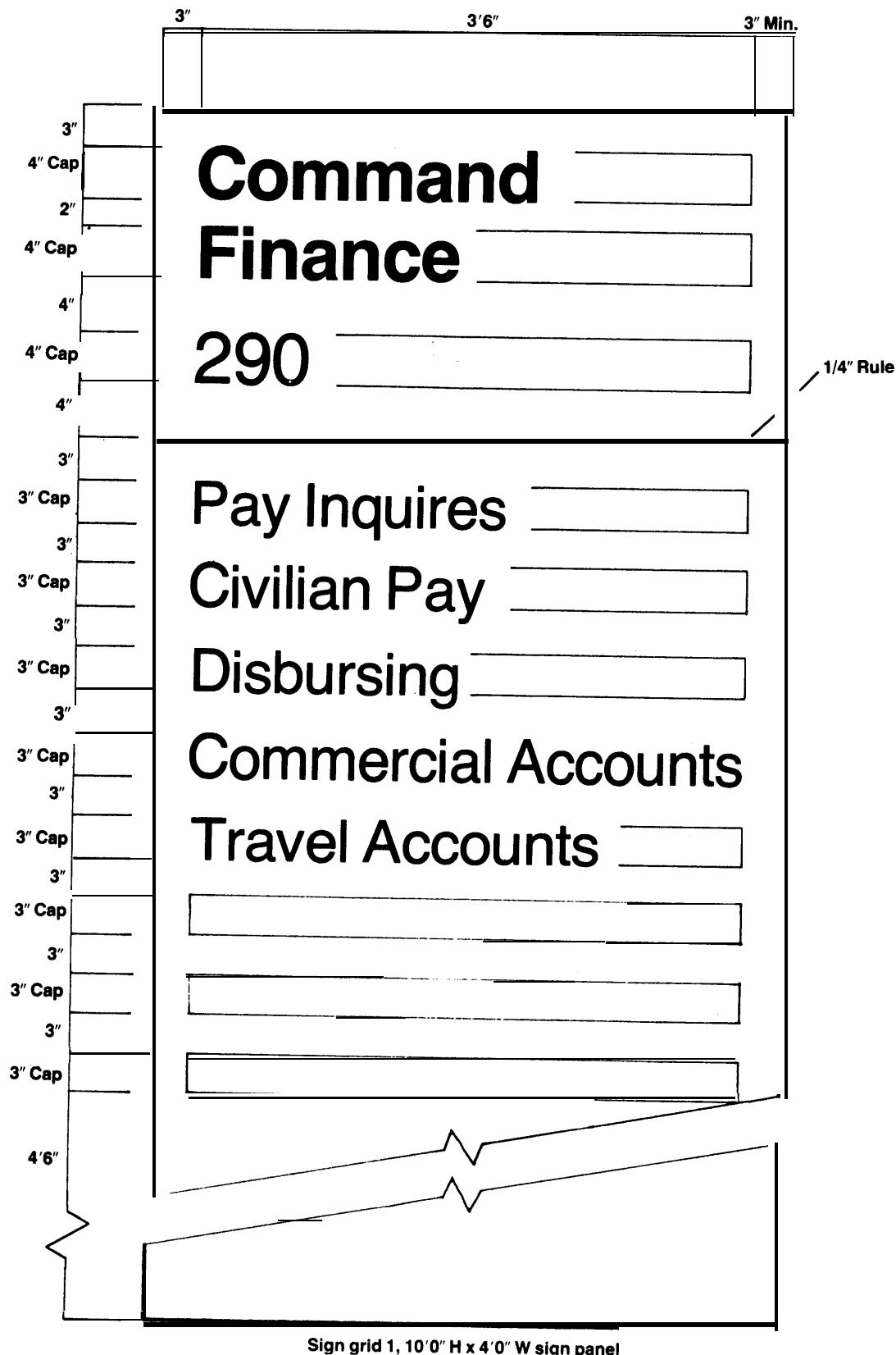


Figure 3-21. Exterior identification sign type C1 — centralized primary military facility sign grid.

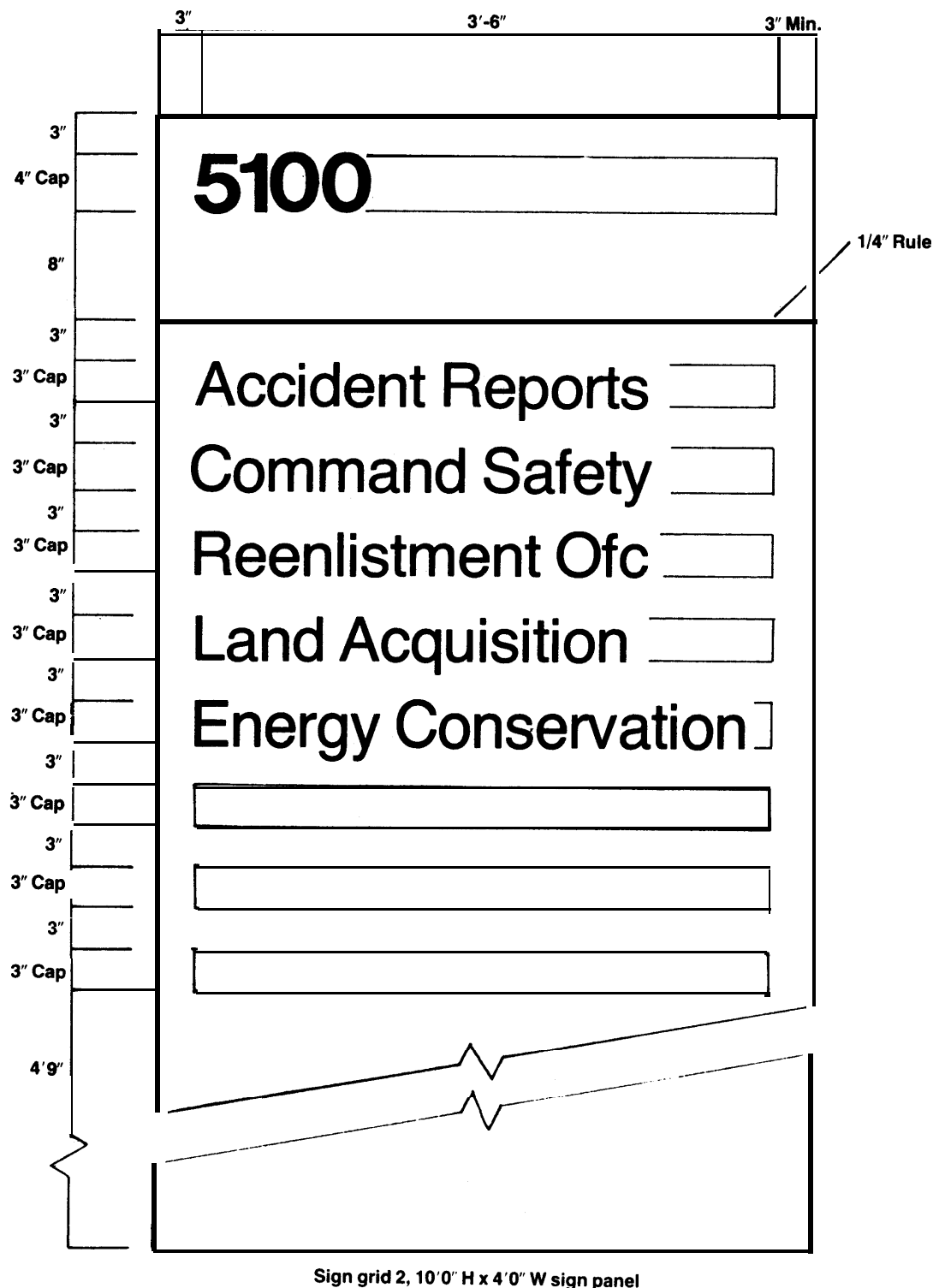


Figure 3-22. Exterior identification sign type C1 — centralized primary military facility sign grid.

(d) *Rule.* 1/4-inch wide white tape.

(5) *Sign grid 2.* Figure 3-22.

b. *Centralized secondary facilities.* Type C2 signs are used to identify services similar to type C1 where the volume of civilian traffic does not warrant the use or cost of type C1 signs. An example of this type of sign is shown in figure 3-23. If a service unit has more than three sub-services requiring identification, use the extended sign grid as shown in figure 3-25. Type C2 signs are also used to identify military unit storage facilities. When a storage facility is comprised of one or more sub-units, the name of each sub-unit appears below the unit name.

(1) *Colors.* White letters and numbers on standard brown background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 4ft-0in. H x 5ft-0in. W.

(b) *Message.* Unit facility and name—upper and lower case helvetica medium 4-inch capital letter height, flush left. Average line length-19 characters per line. Sub-service name-upper and lower case helvetica regular, 3-inch capital letter height, flush left. Average line length-30 characters per line.

(c) *Building number.* Helvetica regular, 4-inch number height, flush left.

(3) *Sign grid.* Figure 3-24.

(4) *Extended sign grid specifications.*

(a) *Dimensions.* 5ft-6in. H x 6ft-0in. W.

(b) *Message.* Military unit name-upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—19 characters

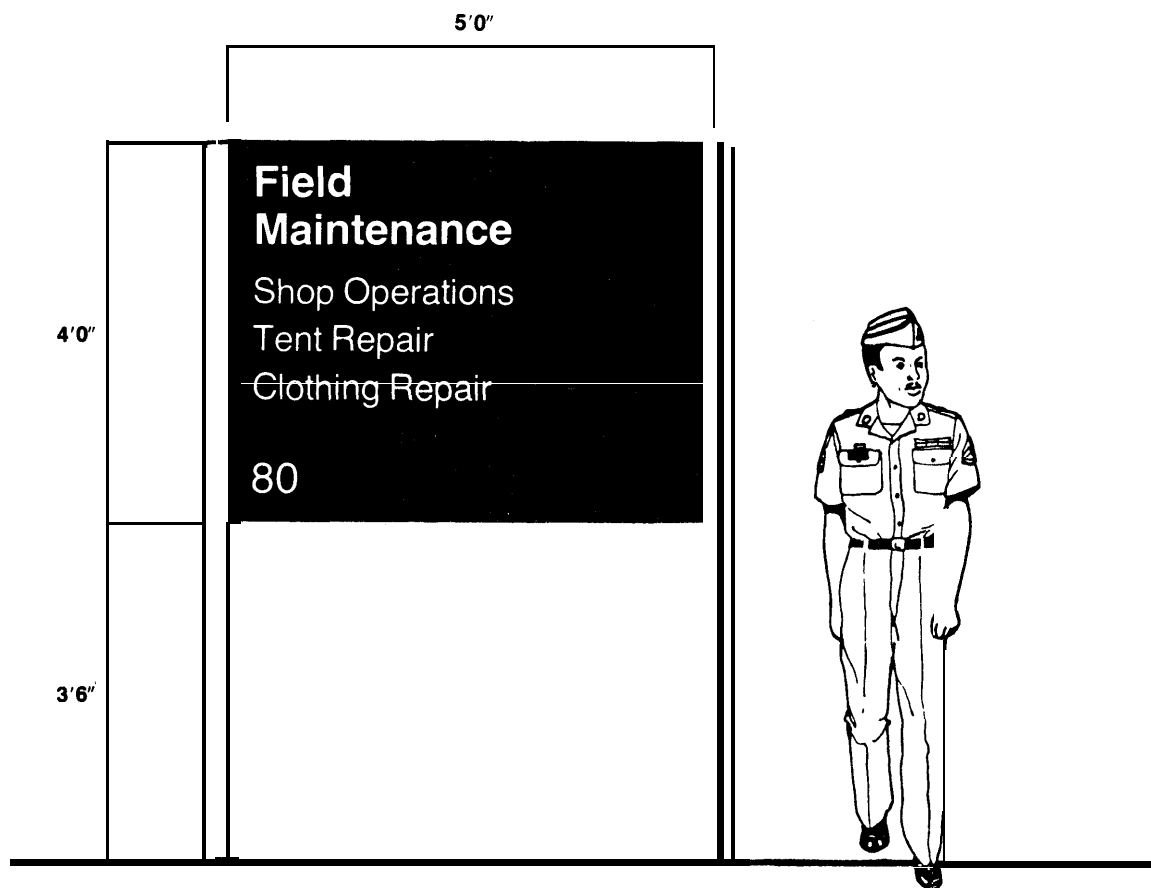


Figure 3-23. Exterior identification sign type C3 — centralized secondary military facility.

per line. Sub-unit name-upper and lower case helvetica regular, 3-inch capital letter height, flush left. Average line length-30 characters per line.

(c) *Building number.* Helvetica regular, 4-inch number height, flush left.

(5) *Sign grid.* Figure 3-25,

c. *Primary facility.* Type C3 signs are used to identify the name of a facility only. Figure 3-26 illustrates this use. Where site conditions inhibit the use of a large scale sign, use type C4. When the name of the facility is over 15 characters and cannot be accommodated on three lines of copy, the width of the sign maybe increased up to 2ft-0in 6-inch increments.

(1) *Colors.* White letters and numbers on a standard brown background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 4ft-0in. H x 6ft-0in. W.

(b) *Message.* Facility name-upper and lower case helvetica medium, 6-inch capital letter height, flush

left. Average line length-15 characters per line.

(c) *Building number.* Helvetica regular, 4-inch number height, flush left.

(3) *Sign grid.* Figure 3-27.

d. *Secondary facilities.* Type C4 signs are used to display the same information as type C3, except they are smaller in size as shown in figure 3-28. In addition, type C4 signs are used to identify company level units. Insignias, branch colors, unit mottos, names or titles of individuals are not recommended on company level unit signs.

(1) *Colors.* White letters and numbers on standard brown background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 2ft-6in. H x 5ft-0in. W.

(b) *Message.* Facility and unit name-upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length-25 characters per line.

(c) *Building number.* Helvetica regular, 4-inch

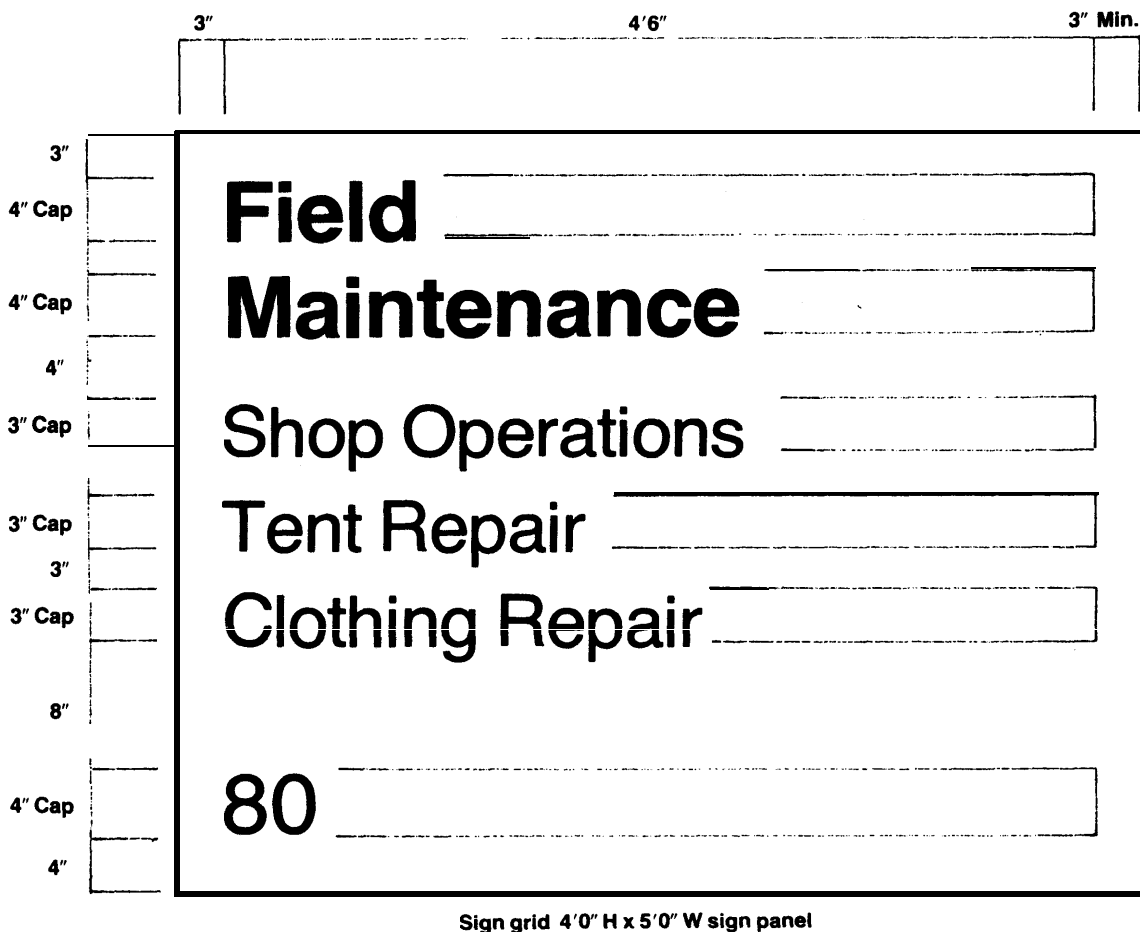


Figure 3-24. Exterior identification sign type C2 — centralized secondary military facility sign grid.

	3"		4'6"		3" Min.
3"					
4" Cap					
2"					
4" Cap					
2"					
4" Cap					
4"					
3" Cap					
3"					
3" Cap					
3"					
3" Cap					
3"					
3" Cap					
8"					
4" Cap					
4"					

Co Admin/Storage

4th Battalion 61st ADA

4th Infantry Division

H & H Battery

A Battery

B Battery

C Battery

D Battery

654

Extended sign grid, 5'6" H x 5'0" W sign panel

Figure 3-25. Exterior identification sign type C2 — centralized secondary military facility extended sign grid.

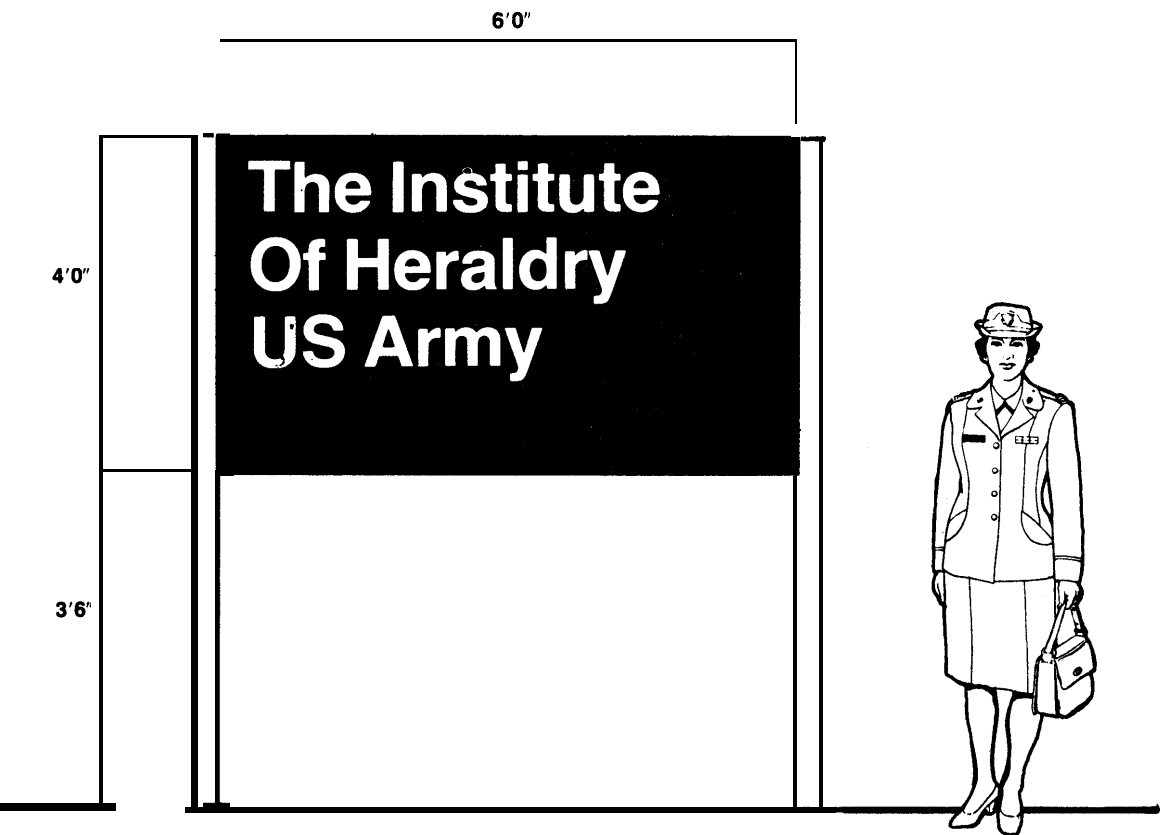
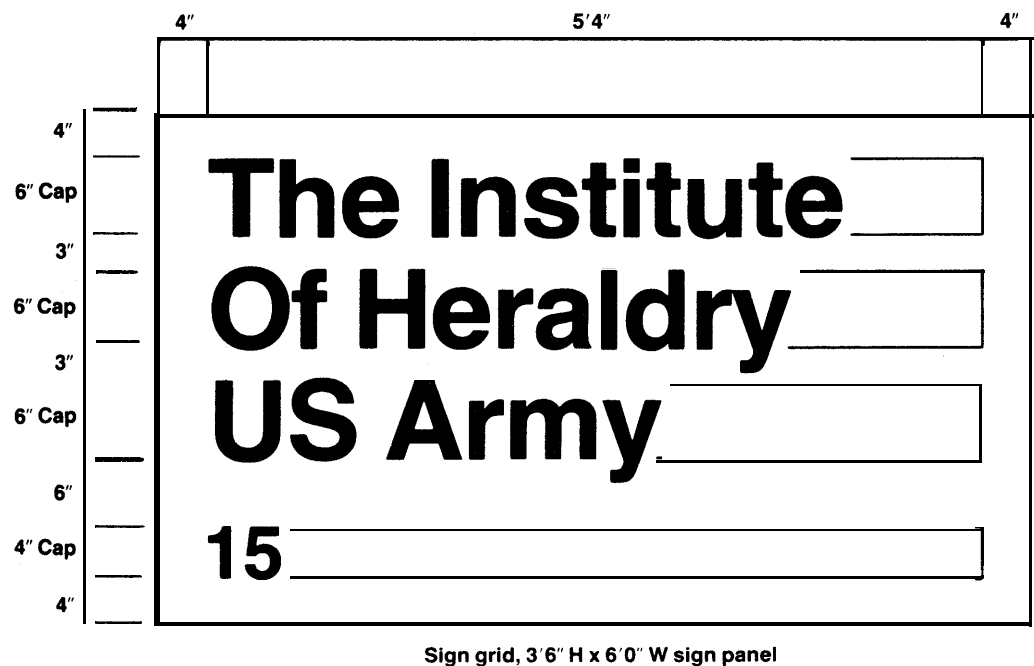


Figure 3-26. Exterior identification sign type C3 — primary military facility.



Sign grid, 3'6" H x 6'0" W sign panel

Figure 3-27. Exterior identification sign type C3 — primary military facility sign grid.

number height, flush left.

(3) *Sign grid.* Figure 3-29.

e. Primary entrance. Type C5 is used to identify the main entry points of a facility used by a large volume of visitor traffic. Figure 3-30 illustrates this type of sign. If the facility, unit, or entrance name requires three lines of copy and is over 14 characters per line, use type C5 expanded sign grid as shown in figure 3-31. Where site conditions inhibit the use of a large scale entrance sign, use type C6. Type C5 signs are wall-mounted.

(1) *Colors.* White letters and numbers on a standard brown background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 3ft-0in. W.

(b) *Message.* Facility, Unit, or entrance name—upper and lower -case helvetica medium, 3-inch capital letter height, flush left. Average line length— 14 characters per line.

(3) *Expanded sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 3ft-0in. W.

(b) *Message.* Facility, unit, or entrance name—upper and lower case helvetica medium, 2-inch capital letter height, flush left. Average line length—21 characters per line.

(4) *Sign grids.* Figure 3-31.

f. Secondary entrance. Type C6 signs are used to identify the entry points of company level units and facilities serving a smaller volume of visitor traffic than

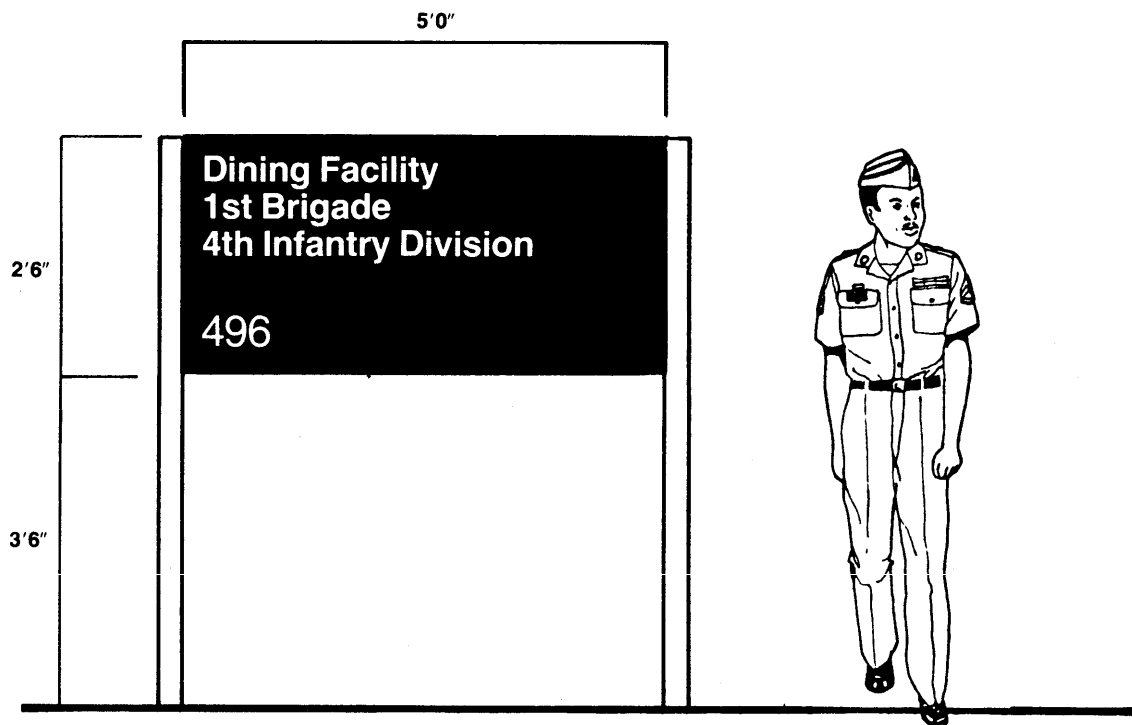


Figure 3-28. Exterior identification sign type C4 — secondary military facility.

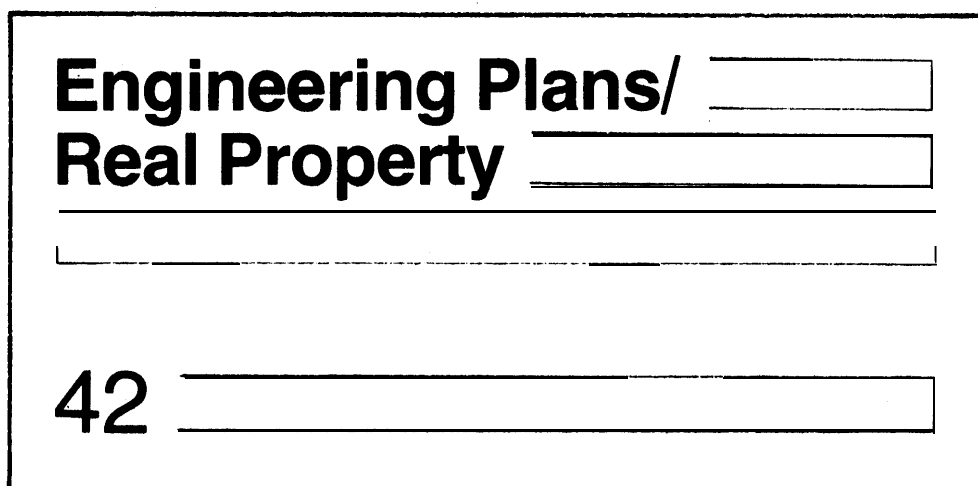
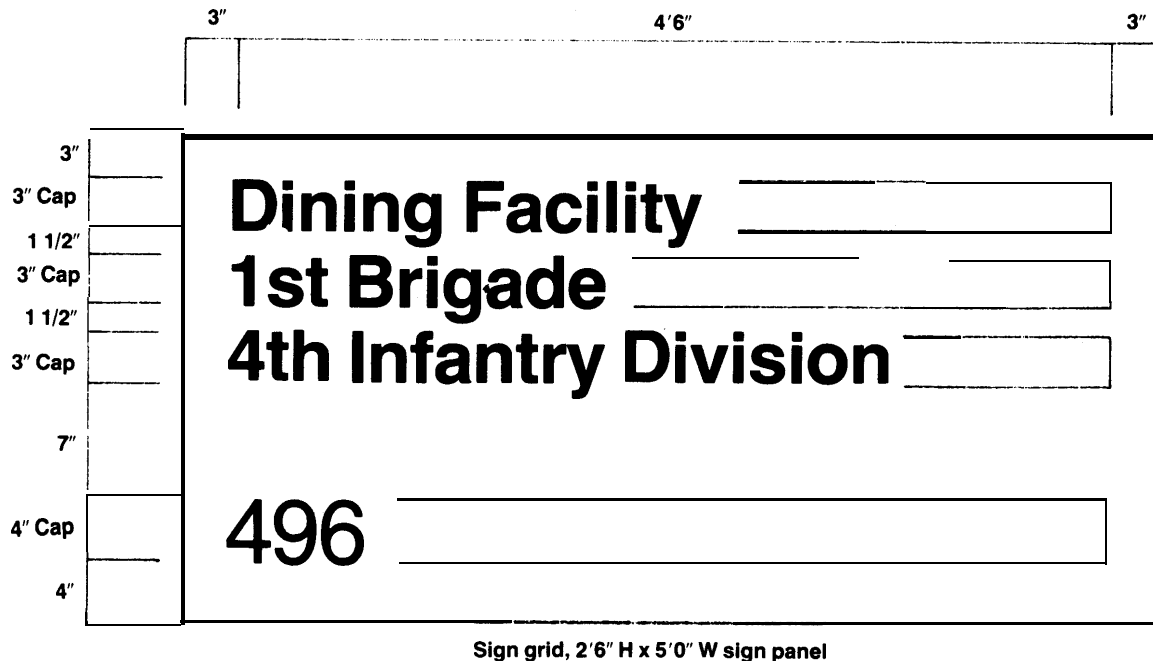


Figure 3-29. Exterior identification sign type C4 — secondary military facility sign grid.

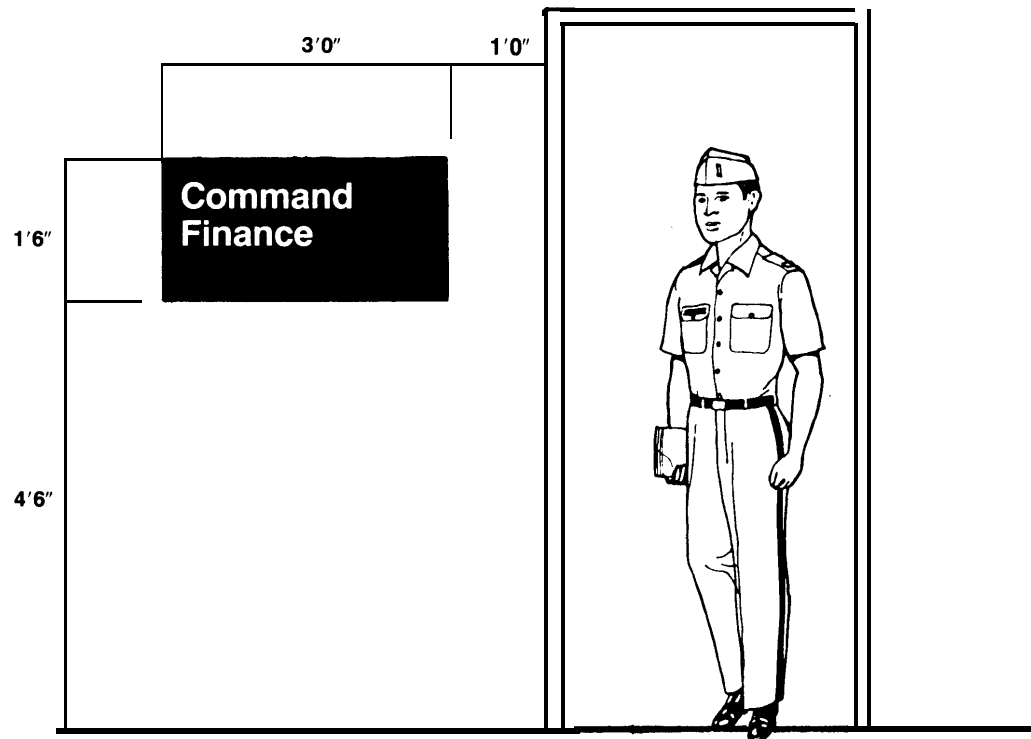


Figure 3-30. Exterior identification sign type C5 — primary military facility entrance.

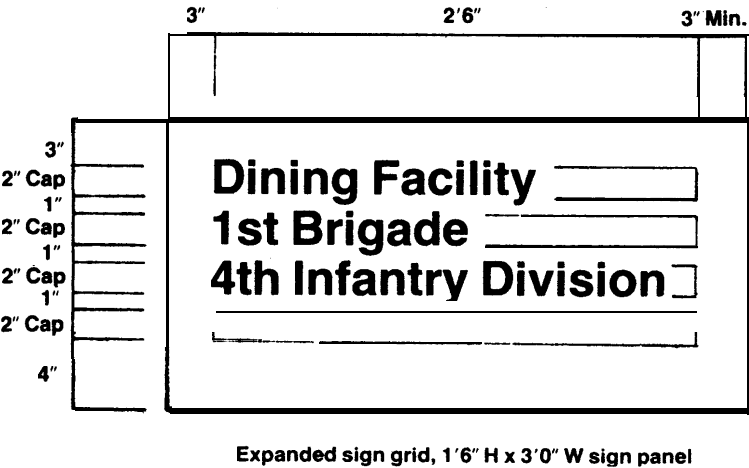
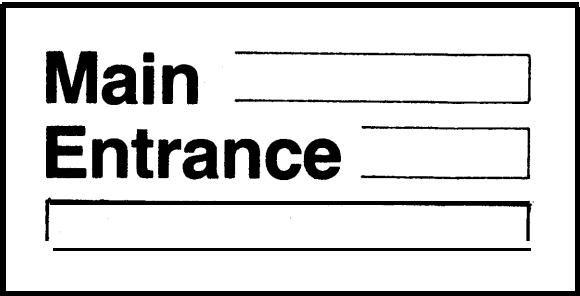
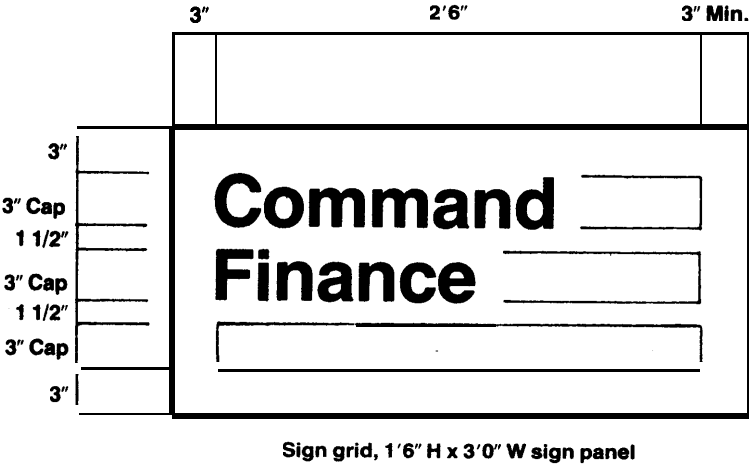


Figure 3-31. Exterior identification sign type C5 — primary military facility entrance sign grid.

type C5 as shown in figure 3-32. Type C6 signs are wall-mounted.

(1) *Colors.* White letters and numbers on standard brown background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 1 ft-0in. H x 2ft-0in. W.

(b) *Message.* Unit letter designation—upper case helvetica medium, 4-inch capital letter height, flush left. Unit name—upper and lower case helvetica medium, 2-inch capital letter height, flush left. Average line

length—1 1 characters per line.

(3) *Sign grid 2 specifications.*

(a) *Dimensions.* 1ft-0in. H x 2ft-0in. W.

(b) *Message.* Facility or unit name—upper and lower case helvetica medium, 2-inch capital letter height, flush left. Average line length—1 1 characters per line.

(4) *Sign grids.* Figure 3-33.

g. *Restricted area or facility.* Type C7 signs identify the name of a restricted area or facility. An example of

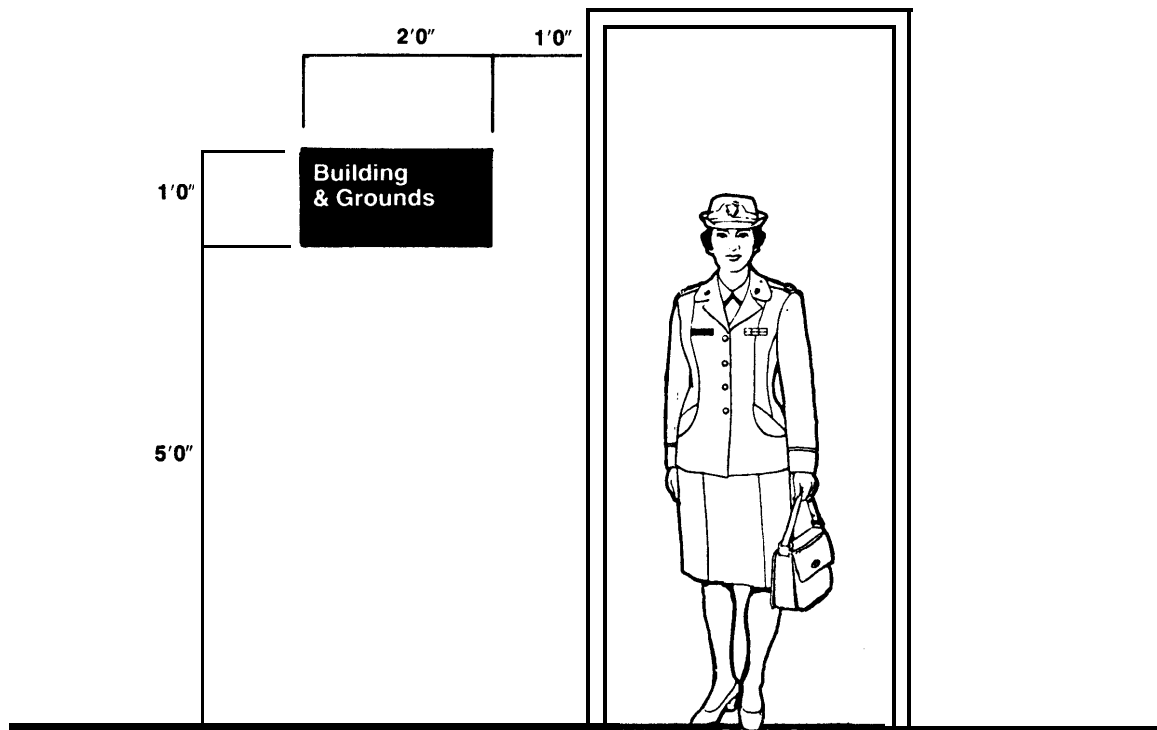
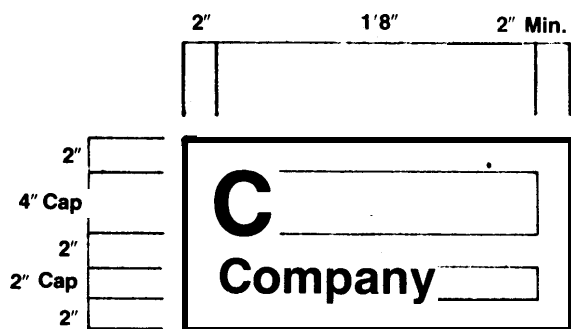
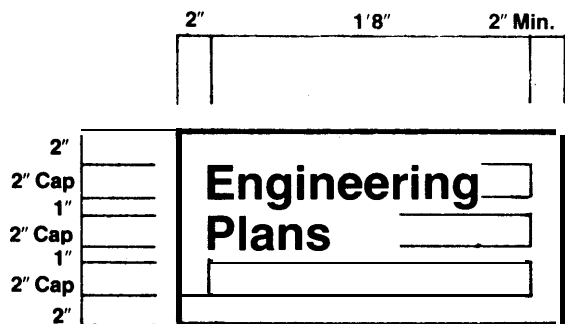


Figure 3-32. Exterior identification sign type C6 — secondary military facility entrance.



Sign grid 1, 1'0" H x 2'0" W sign panel



Sign grid 2, 1'0" H x 2'0" W sign panel

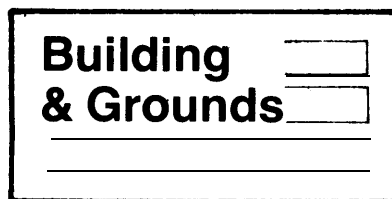


Figure 3-33. Exterior identification sign type C6 — secondary military facility entrance sign grid.

this type of sign is shown in figure 3-34. These signs are used in combination with mandatory/prohibitory signs which outline rules governing these areas as discussed in paragraph 3-9. Type C7 signs are identical to type A3 limited gate access signs which were discussed in paragraph 3-3c. If the message line is over 20 characters, the capital letter height can be reduced using one inch increments to accommodate the length of copy on two lines as shown in figure 3-35 expanded sign grid.

(1) *Colors.* White letters and numbers on standard brown background,

(2) *Sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 4ft-0in. W.

(b) *Message.* Facility or area name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length-15 characters per line.

(3) *Expanded sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 4ft-0in. W.

(b) *Message.* Facility or area name—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—20 characters per line.

(4) *Sign grids.* Figure 3-36.

h. Building number. Type C8 signs are used to iden-

tify building numbers for permanent, semi-permanent (S), and temporary (T) facilities as illustrated in figure 3-36. The size of the sign should be appropriate for the scale of the building and mounting height, regardless of its classification. Signs should be located on the sides of the building where rapid identification is necessary. Type C8 signs are wall-mounted. Numbers must appear in accordance with AR 420-70.

(1) *Colors.* White letters and numbers on standard brown background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 1ft-6in. H x 4ft-6in. W.

(b) *Number.* Upper case helvetica medium, 12-inch capital letter height. Copy—centered. Average line length—5 characters per line.

(3) *Sign grid 2 specifications.*

(a) *Dimensions.* 1ft-0in. H x 3ft-0in. W.

(b) *Number.* Upper case helvetica medium, 8-inch capital letter height. Copy—centered. Average line length-5 characters per line.

(4) *Sign grid 3 specifications.*

(a) *Dimensions.* 6in. H x 1ft-6in. W.

(b) *Number.* Upper case helvetica medium, 4-inch capital letter height. Copy—centered. Average line length—5 characters per line.

(5) *Sign grids.* Figure 3-37.



Figure 3-34. Exterior identification sign type C7—restricted area or facility.

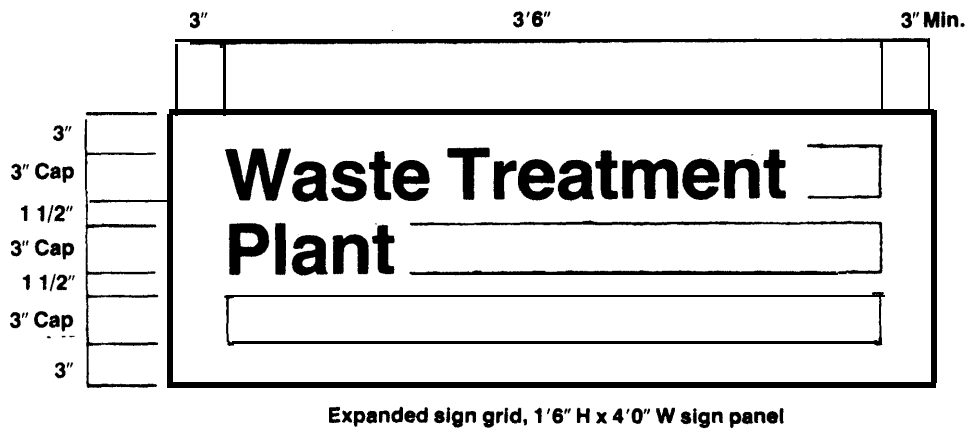
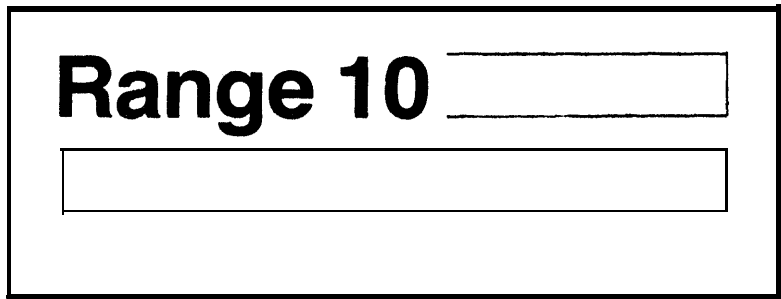
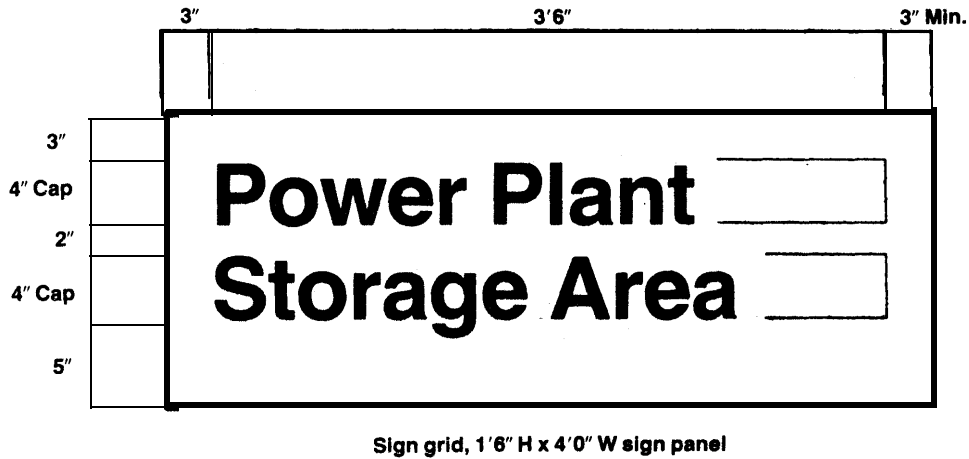


Figure 3-35. Exterior identification sign type C7 — restricted area or facility sign grid.

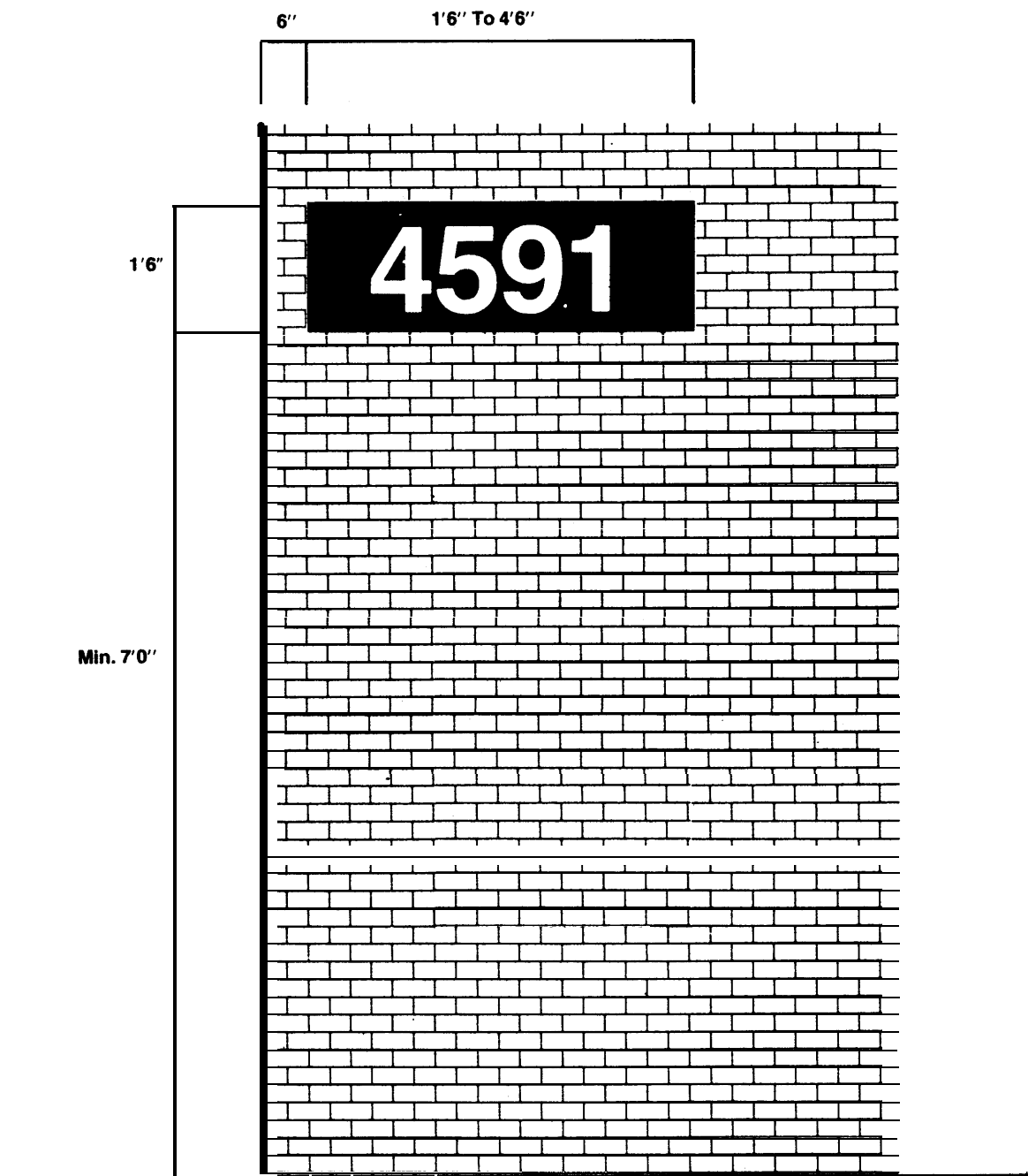
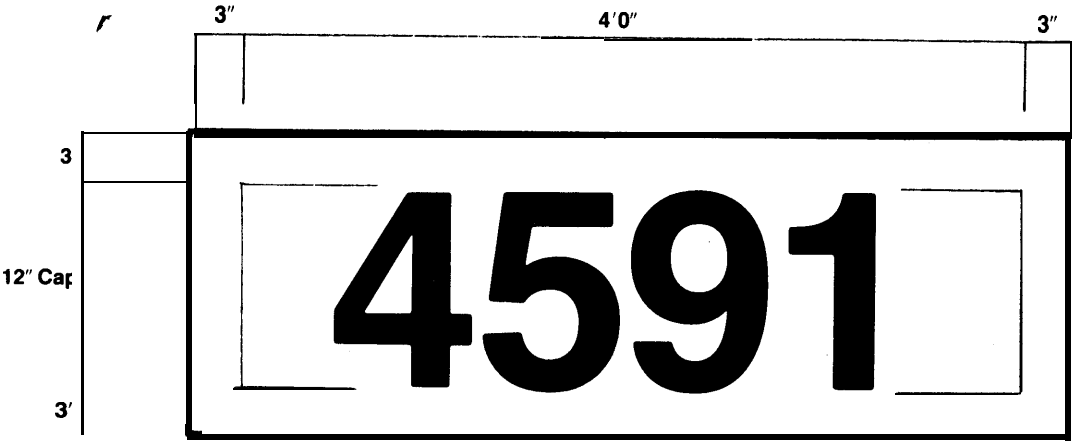
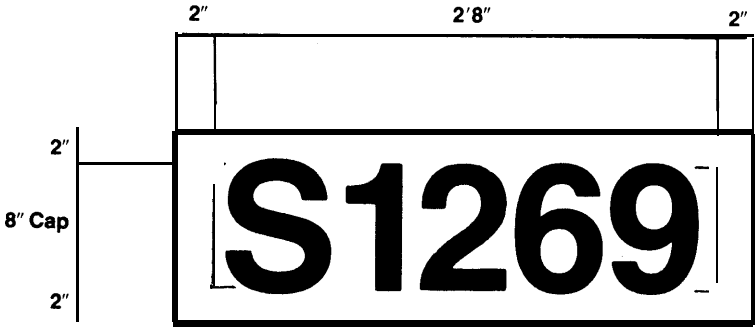


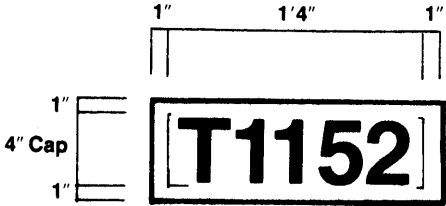
Figure 3-36. Exterior identification sign type C8 — building number.



Sign grid 1, 1'6" H x 4'6" W sign panel

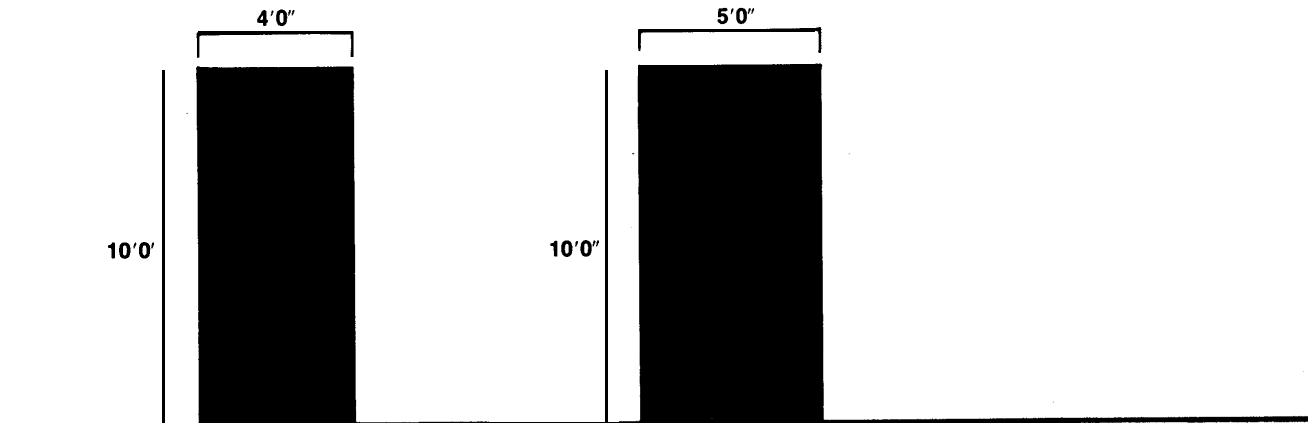


Sign grid 2, 1'0" H x 3'0" W sign panel

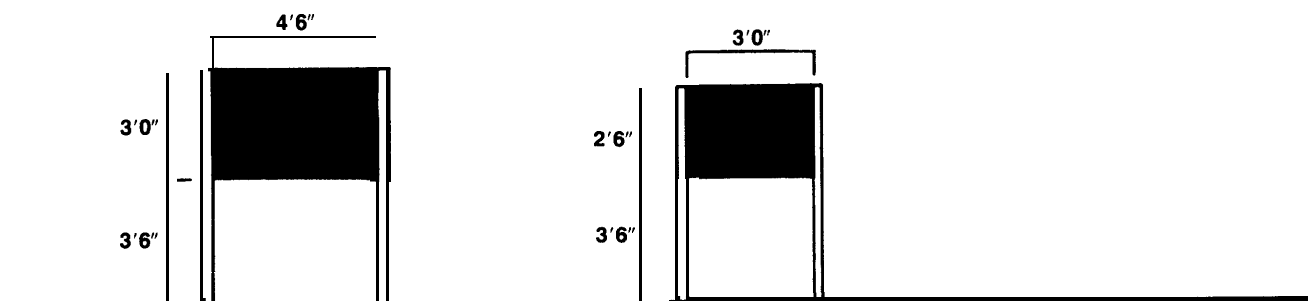


Sign grid 3, 6" H x 1'6" W sign panel

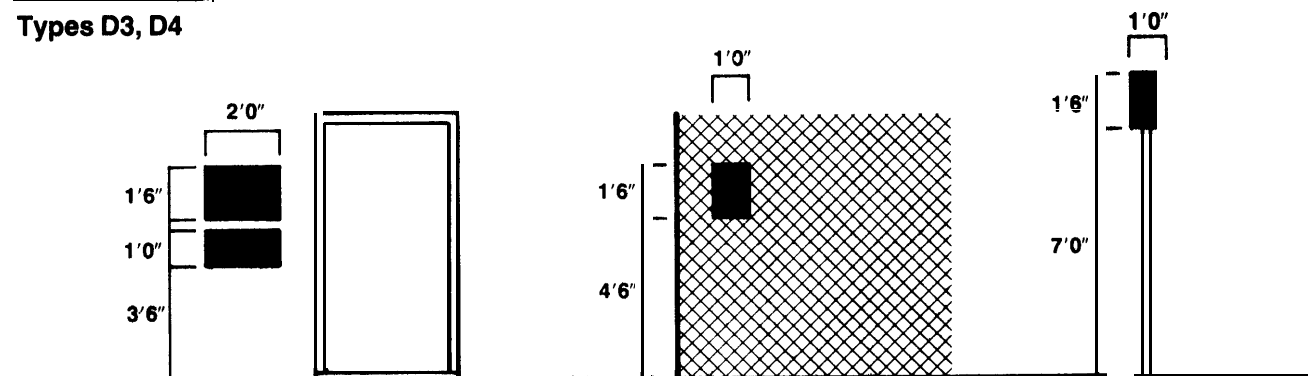
Figure 3-37. Exterior identification sign type C8—building number sign grid.



Types D1, D2



Types D3, D4



Types D5, D6, D7

Figure 3-38. Community identification signs.

3-6. Community identification signs. community identification signs are used to identify activities and facilities used for community, recreational and other non-military purposes. Typical organizations which use type C1 signs are listed in ER 1110-345-122, appendix A, with the exception of medical and police facilities. To help distinguish these signs from facilities used only for military purposes, the background color of all community signs is blue. Insignias, unit names or mottos are not recommended for use on these signs. The use of commercial symbols and logos is recommended where appropriate, (para 3-6a). Community identification signs consist of seven types:

—Sign type D1, centralized primary facility sign, identifies several activities or organizations in one or a complex of buildings

—Sign type D2, primary facility with changeable message board, identifies an individual organization or facility and provides a changeable message board for information on activities

—Sign type D3, primary facility, identifies an organization

—Sign type D4, secondary facility, identifies the same information as type D3, but is smaller in size

—Sign type D5, building entrance, identifies the facility entrance and hours of operation

—Sign type D6, recreation facility, identifies an outdoor recreation or park facility and hours of operation

—Sign type D7, bus route, identifies bus routes, stops, and schedules

These guidelines apply to all non-military and commercial firms that operate on the installation. Graphics appear on both sides of these signs, since they are placed perpendicular to the road and can be viewed by traffic moving in both directions with the exception of building entrance and recreation facility signs which are wall or fence mounted. An overview of these signs is shown in figure 3-38. Sign placement guidelines are described in paragraph 3-11. Sign structures are given in appendix A.

a. Symbols and logos. Any non-military or commercial facility located on an installation is encouraged to display their organizational symbol or logo. If used, it appears in the upper left corner of the sign above the name of the organization. The margin below the symbol or logo is equal to the capital letter height on the sign and not the symbol or logo height. A full-color symbol or logo on a white or light colored background is recommended. The background must be square with rounded edges as shown in figure 3-39.

b. Centralized primary facilities. Type D1 signs are used to identify community organizations and sub-activities in one or more buildings usually with a common parking area. An example of a type D1 sign is shown in figure 3-40. If a facility has more than one major organization or none, it is identified using the



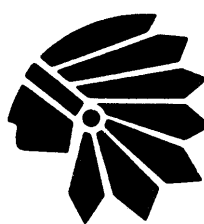
AAFES Symbol



Commercial Logotype



Credit Union Symbol



Commercial Symbol

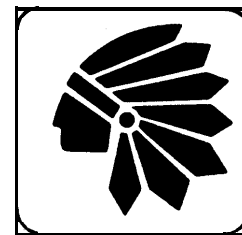


Figure 3-39. Typical commercial symbols and logotypes.

complex name or building number. When a facility has one major organization with sub-activities, it is identified using the organization name.

(1) *Colors.* White letters and numbers on standard blue background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 10ft-0in. H x 4ft-0in. W.

(b) *Message.* Facility or complex name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—15 characters per line. organization or sub-activity name—upper and lower case helvetica regular, 3-inch capital letter height,

flush left. Average message area—eight lines with a line length of 20 characters per line. Abbreviate names exceeding this length.

(c) *Building number.* Helvetica medium, 4-inch capital letter height, flush left.

(d) *Rule.* 1/4-inch wide white tape.

(3) *Sign grid.* Figure 3-41.

d. *Primary facility with changeable message board.* Type D2 signs identify individual organizations which support changing activities, such as theaters, gymnasiums, auditoriums, and religious facilities. An exam-

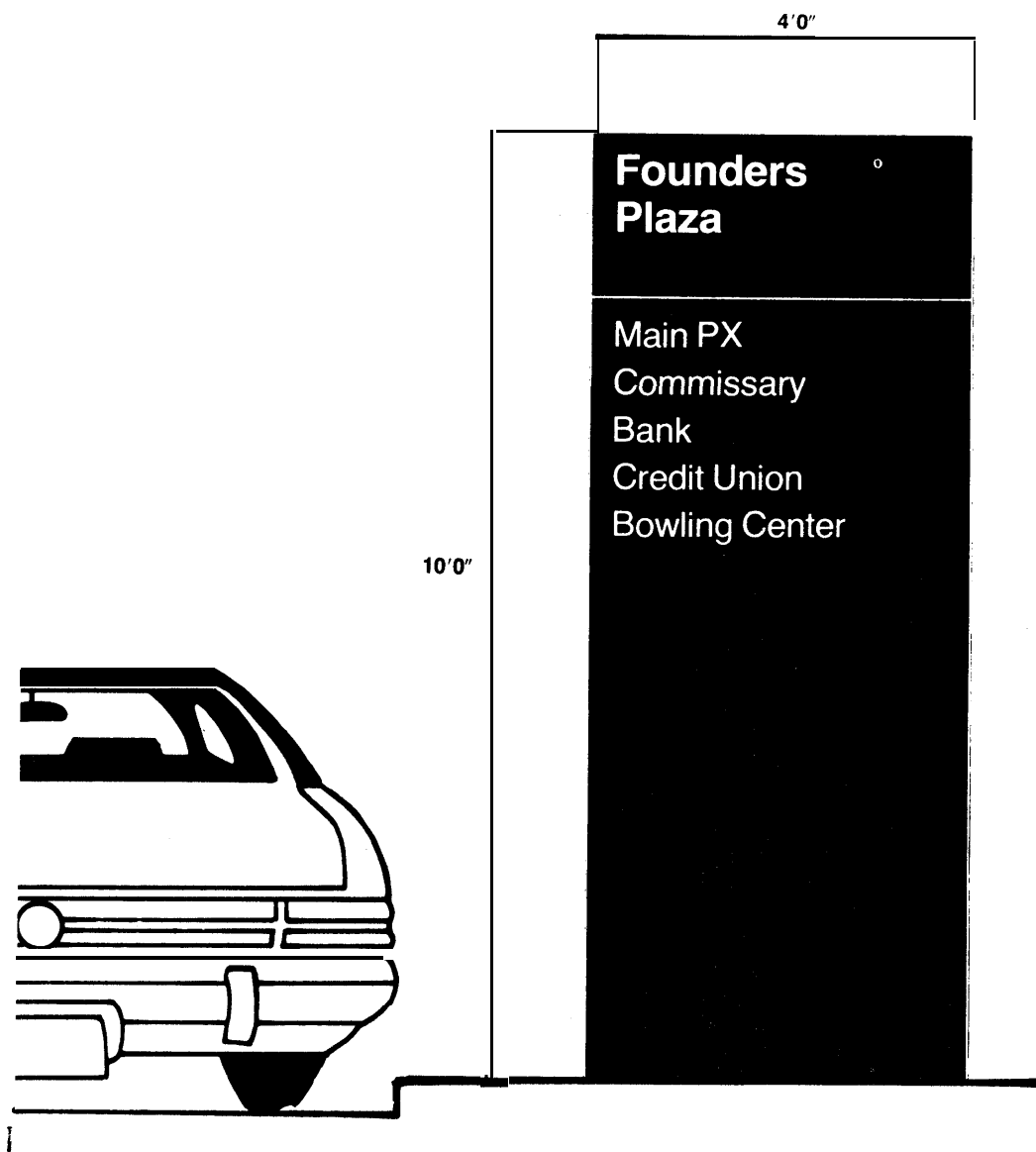


Figure 3-40. Exterior identification sign type D1, centralized community facility.

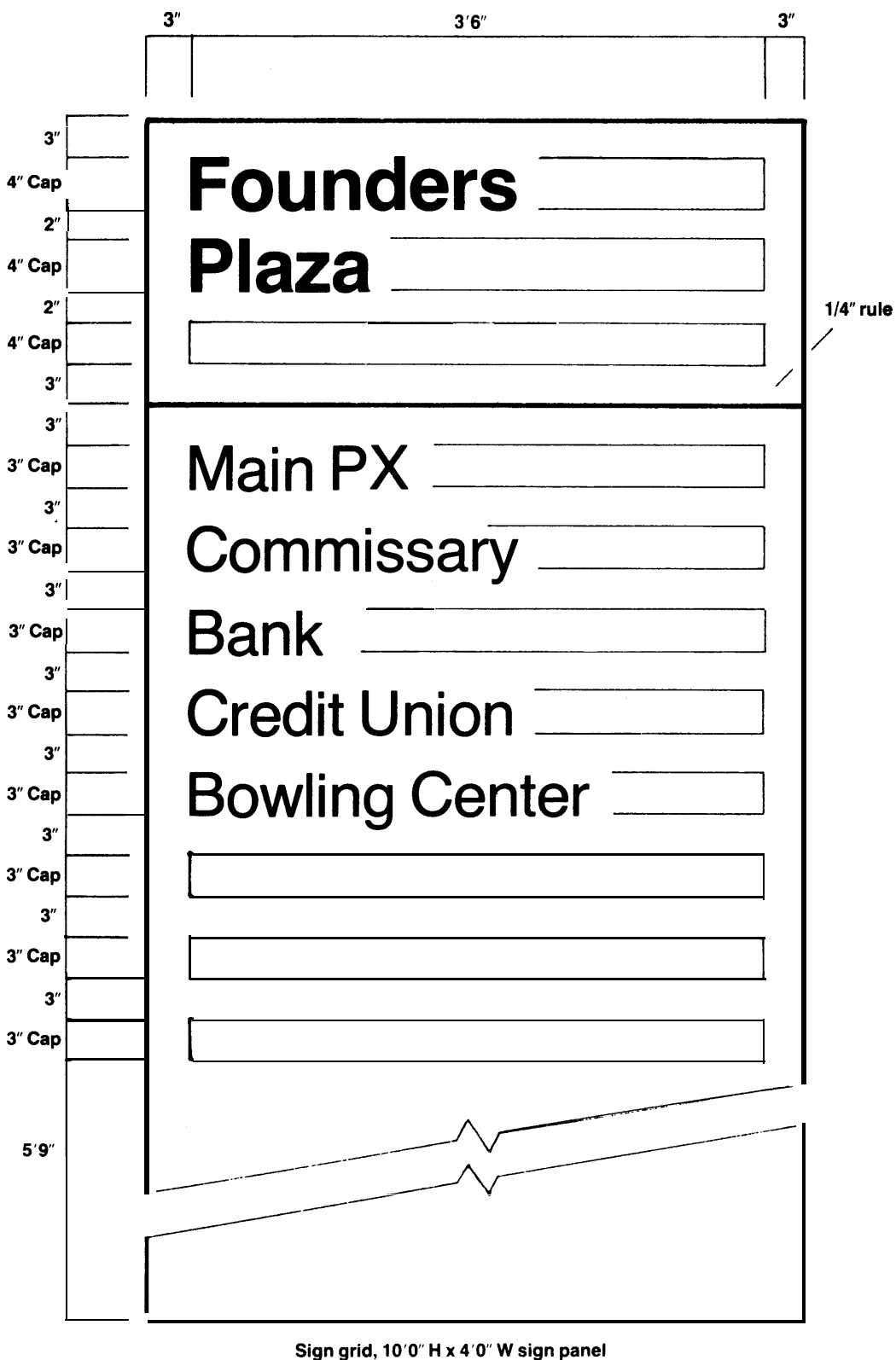


Figure 3-41. Exterior identification sign type D1 — centralized community facility sign grid.

ple of a type D2 sign is shown in figure 3-42. Since it is important to notify the public of on-going activities at each facility, these signs may have internally illuminated changeable message boards. Message boards are located below the name of the facility and building number with a ground to board height of 5ft-0in. Changeable letters may utilize a variety of fabrication techniques, such as individual letters which slide or clip onto a stationary track or which have a magnetic backing.

(1) *Fixed message area specifications.*

(a) *Color.* White letters and numbers on standard blue background.

(b) *Dimensions.* 2ft-0in. H x 5ft-0in. W.

(c) *Message.* Facility name—upper and lower case helvetica medium, 6-inch capital letter height, flush left. Average line length-12 characters per line.

(2) *Changeable message area specifications.*

(a) *Colors.* Black letters and numbers on white background.

(b) *Dimensions.* 3ft-0in. H x 5ft-0in. W.

(c) *Message.* Sub-activity information-upper and lower case helvetica regular, 3-inch capital letter height. Body copy—2-inch spacing between all lines of copy. Average message area—six lines with a line length of 28 characters per line.

(3) *Sign grid.* Figure 3-43.

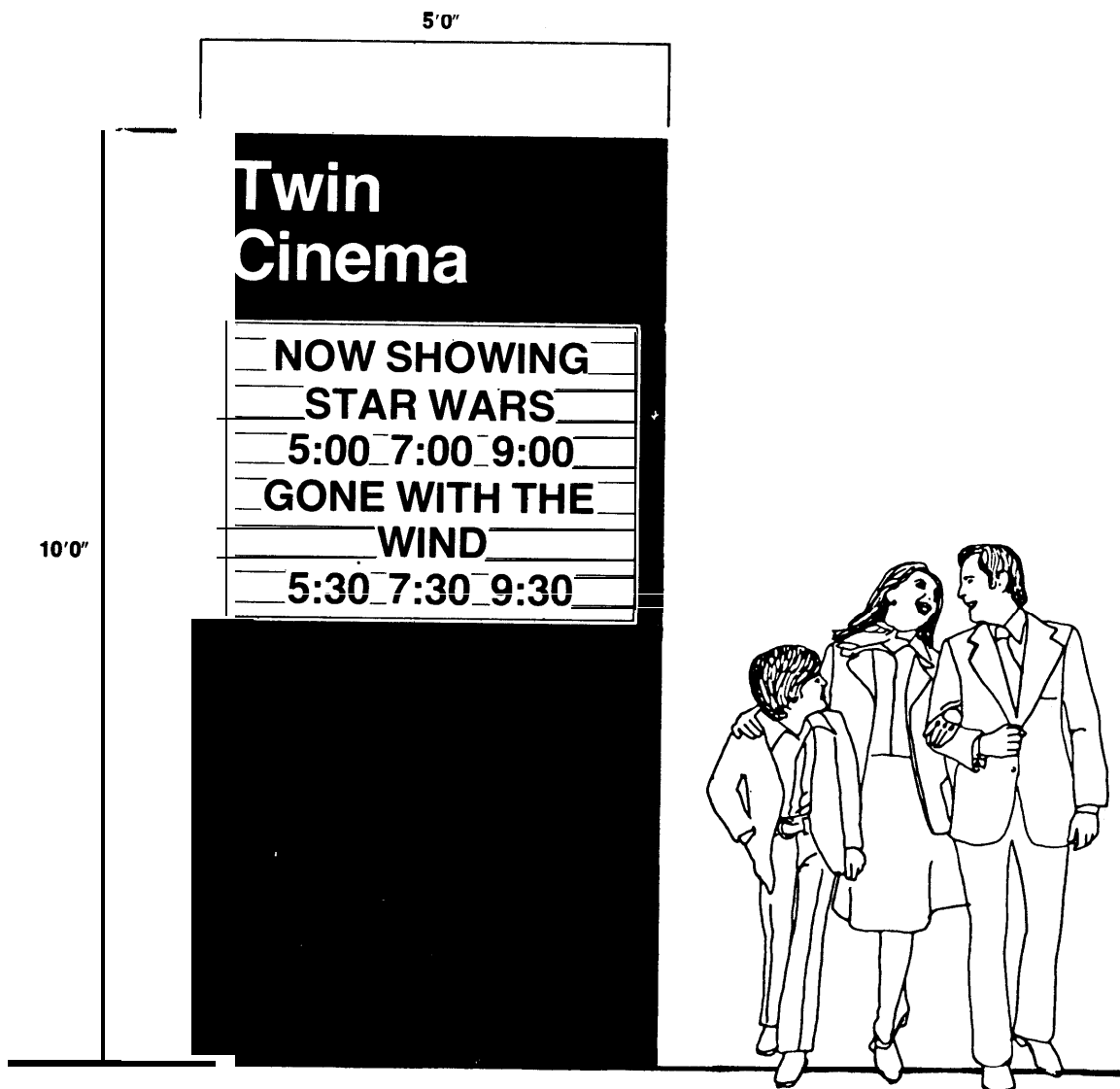
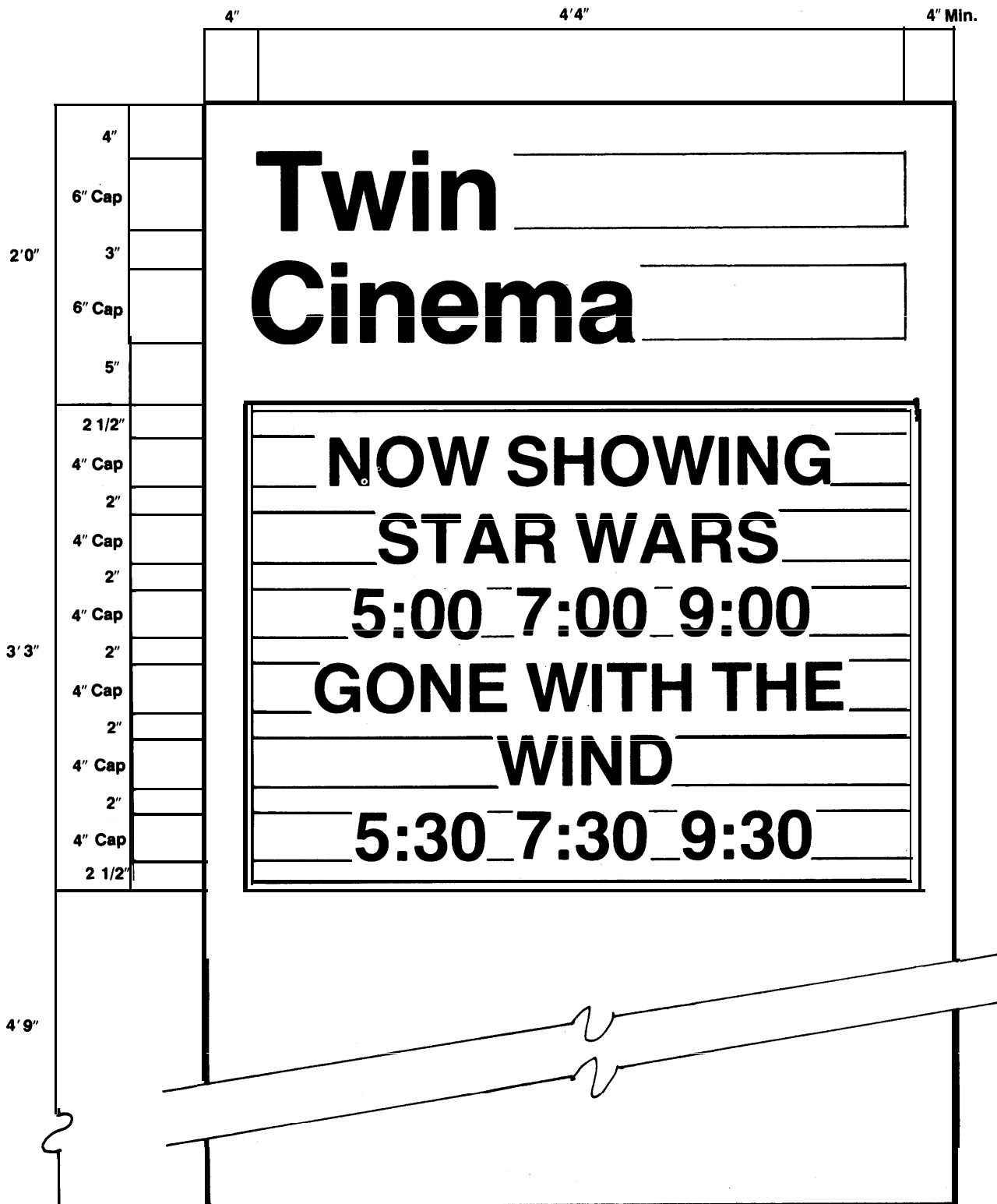


Figure 3-42. Exterior identification sign type D2 — primary community facility with changeable message board.



Sign grid, 10'0" H x 5'0" W sign panel

Figure 3-43. Exterior identification sign type D2 — primary community facility with changeable message board sign grid.

c. *Primary facility.* Type D3 signs are used to identify individual organizations, such as the commissary, post office, and bank as shown in figure 3-44. When an organizational symbol or logo is used, it appears in the upper left corner. If a symbol or logo is not used, the building number appears in the lower right corner as shown in figure 3-45, sign grid 2. Where site conditions inhibit the use of a large scale sign, use sign type D4.

(1) *Colors.* White letters and numbers on standard blue background. Symbol or logo—full-color on white or light colored background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 3ft-0in. H x 4ft-6in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—17 characters per line.

(c) *Symbol or logo.* Organizational symbol or logo, 8-inch H x 8-inch W background border.

(3) *Sign grid 2 specifications.*

(a) *Dimensions.* 3ft-0in. H x 4ft-6in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—17 characters per line.

(c) *Building number.* Helvetica regular, 4-inch number height, flush left.

(4) *Sign grids.* Figure 3-45.

d. *Secondary facility.* Type D4 identifies the same information as type D3, but is smaller in size (fig. 3-46).

(1) *Colors.* White letters and numbers on standard blue background. Symbol or logo—full-color on white or light colored background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 2ft-6in. H x 3ft-6in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—17 characters per line.

(c) *Building number.* Helvetica regular, 4-inch number height, flush left.

(3) *Sign grid 2 specifications.*

(a) *Dimensions.* 2ft-6in. H x 3ft-6in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—17 characters per line.

(c) *Symbol or logo.* Organizational symbol or logo, 6-inch H x 6-inch W background border.

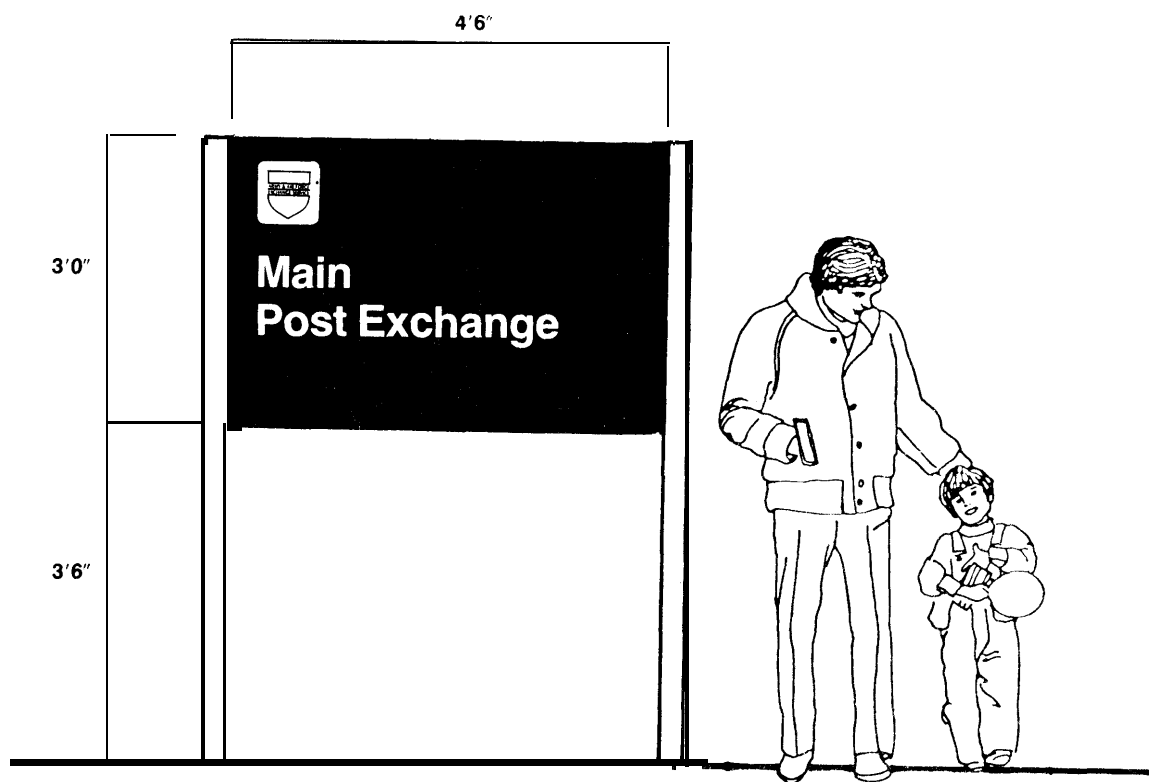


Figure 3-44. Exterior identification sign type D3 — primary community facility.

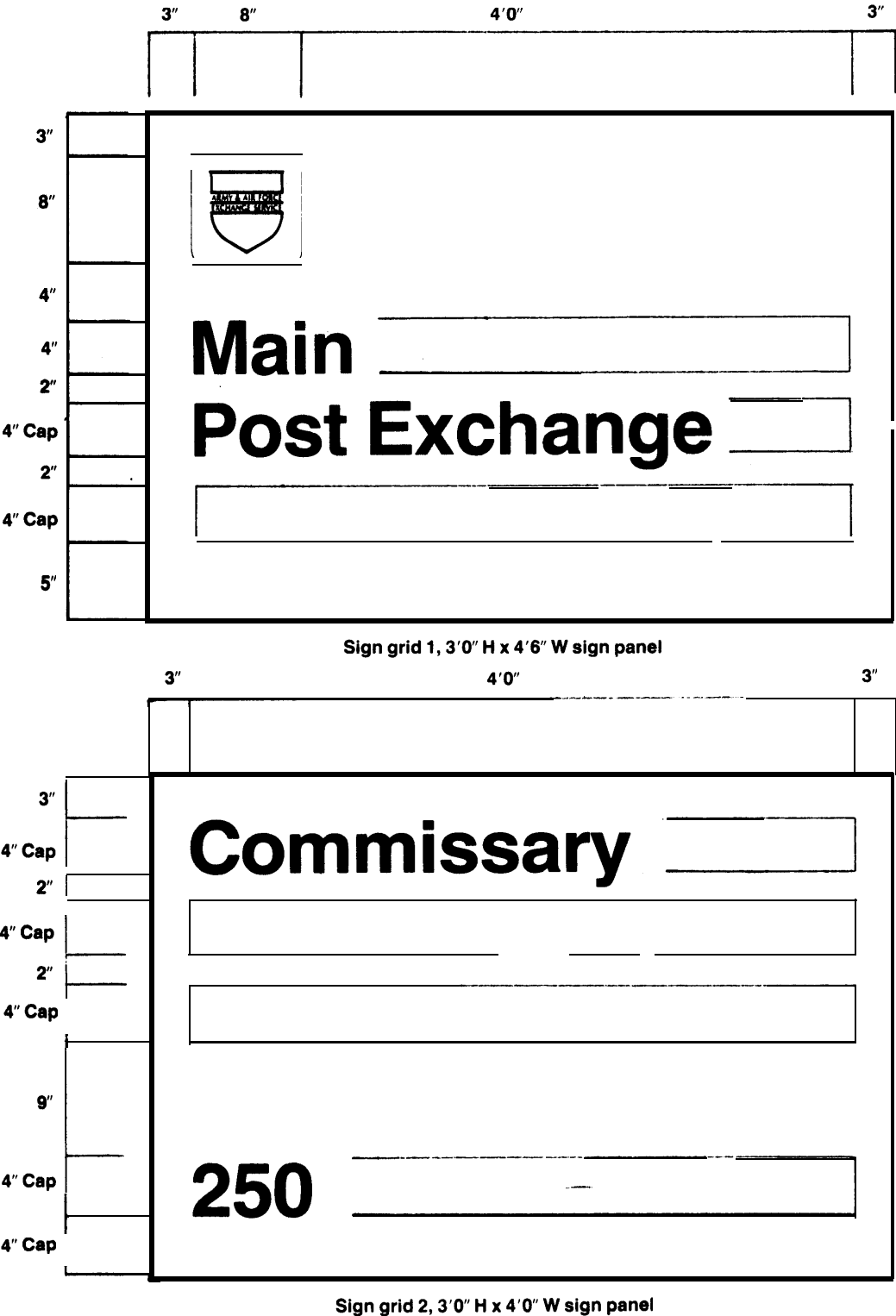


Figure 3-45. Exterior identification sign type D3 — primary community facility sign grid.

(4) Sign grids. Figure 3-47.

f. *Building entrance.* Type D5 signs are used to identify the entry points of a community facility as illustrated in figure 3-48. If required, a sign plaque showing the hours of operation may be placed beneath the basic entrance sign. When an organizational symbol or logo is used on the sign panel, it appears in the upper left corner. Building numbers appear on the building and are not duplicated on these signs.

(1) *Colors.* White letters and numbers on standard blue background. Symbol or logo—full-color on white or light colored background.

(2) Sign grid 1 specifications.

(a) *Dimensions.* 1ft-6in. H x 2ft-0in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 2-inch capital letter height, flush

left. Average line length-14 characters per line.

(c) *Symbol or logo.* Organizational symbol or logo, 4-inch H x 4-inch W background border.

(3) Sign grid 2 specifications.

(a) *Dimensions.* 1ft-6in. H x 2ft-0in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 2-inch capital letter height, flush left. Average line length—14 characters per line.

(4) Sign plaque specifications.

(a) *Dimensions.* 1ft-0in. H x 2ft-0in. W.

(b) *Message.* Title—upper and lower case helvetica regular, 1 1/2-inch capital letter height, flush left. Average line length-22 characters per line. Body copy—upper and lower case helvetica regular, 3/4-inch capital letter height. Average line length-41 characters per line.

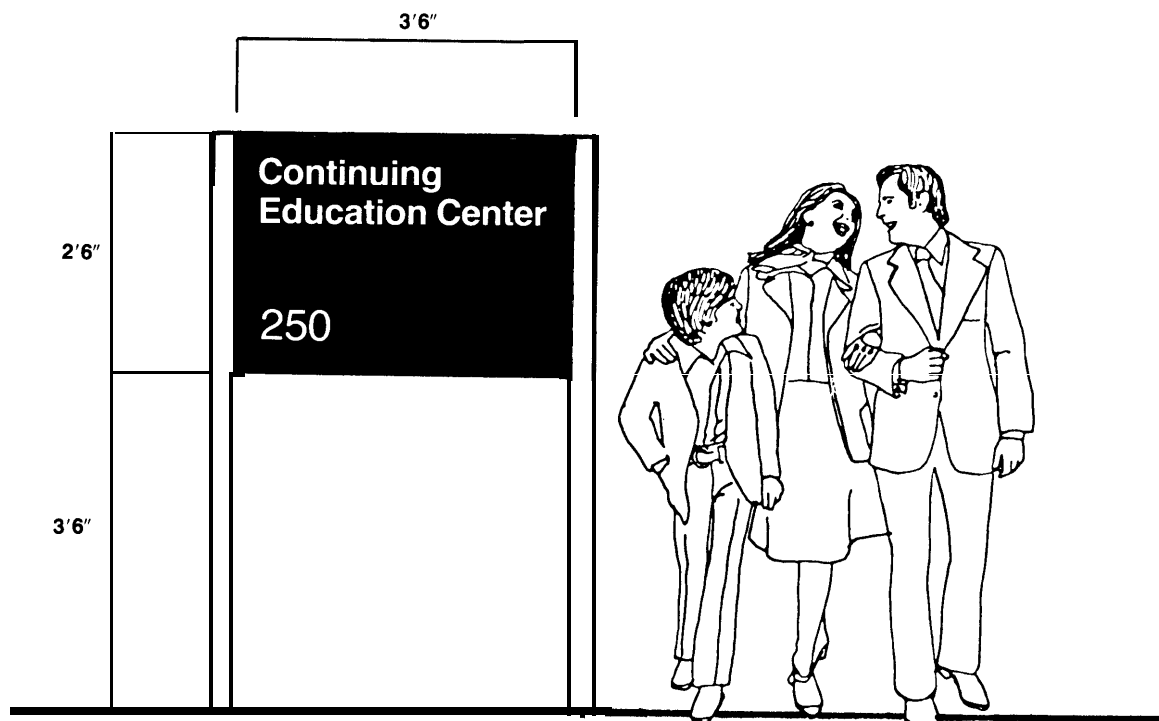


Figure 3-46. Exterior identification sign type D4 — secondary community facility.

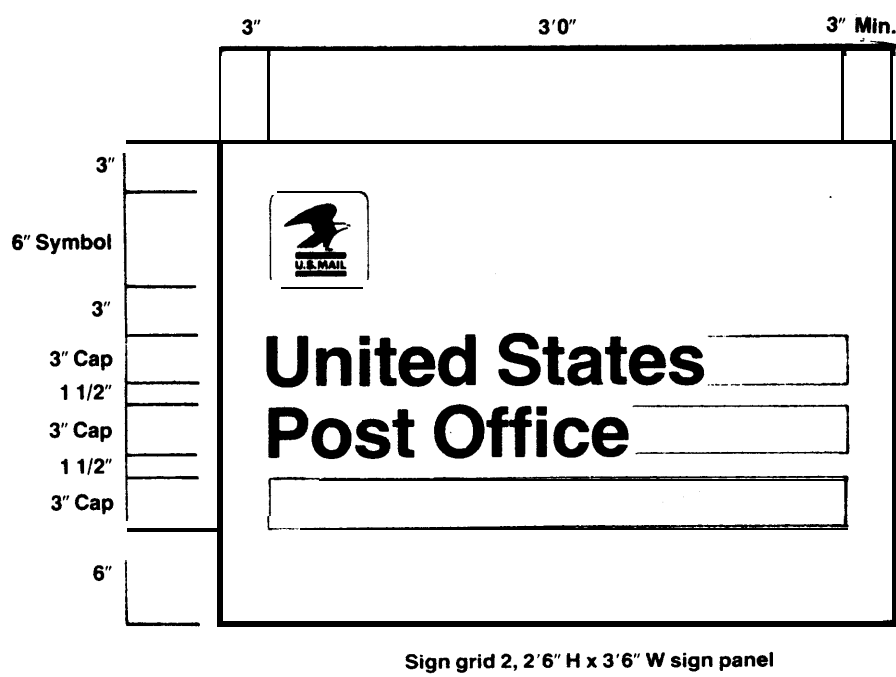
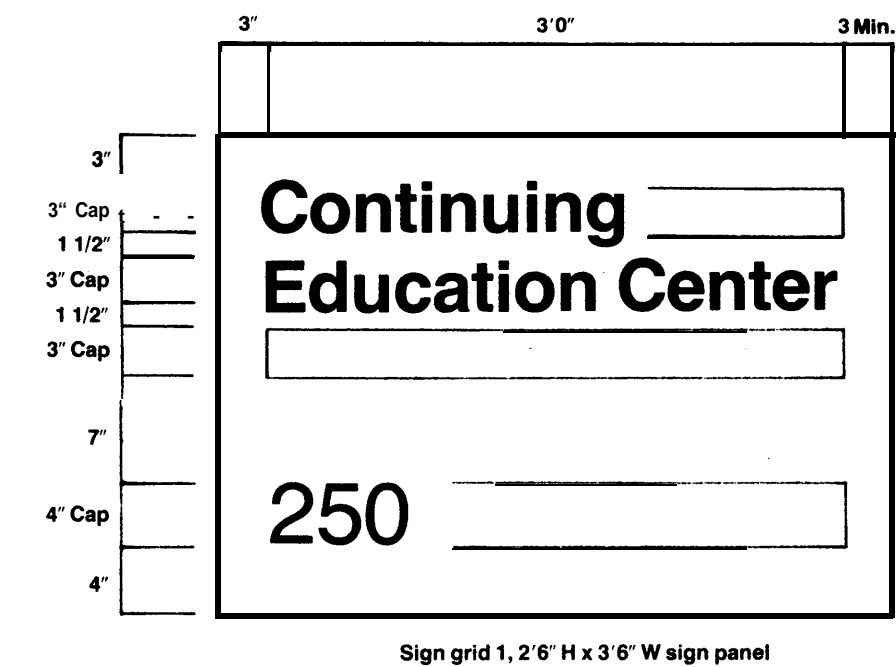


Figure 3-47. Exterior identification sign type D4 — secondary community facility sign grid.

(5) *Sign grids.* Figure 3-49.

g. *Recreation facility.* Type D6 signs are used to identify an outdoor recreation or park facility, such as tennis courts, playing fields and campgrounds. A type D6 sign is illustrated in figure 3-50. The basic sign panel shows a symbol and facility name. If required, optional sign grids may be used in addition to the basic sign panel to show hours of operations or directional arrows as shown in figure 3-51. National Park Service and Olympic Game symbols, discussed in paragraph 2-5, are recommended for type D6 signs. Type D6 signs are freestanding, wall or fence mounted.

(1) *Colors.* White letters and numbers on a standard blue background: Pictograph or arrow—black on white background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 1 ft-0in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 1 1/2-inch capital letter height, flush left. Average line length—nine characters per line.

(c) *Symbol.* 10-inch H x 10-inch W background border.

(3) *Extended sign grid 1 specifications.*

(a) *Dimensions.* 2ft-6in. H x 1ft-0in. W.

(b) *Message.* Facility name—upper and lower case helvetica medium, 1 1/2-inch capital letter height, flush left. Average line length—nine characters per line. Body copy—upper and lower case helvetica regular, 1/2 -inch capital letter height. Average line length—33 characters per line.

(4) *Extended sign grid 2 specifications.*

(a) *Dimensions.* 2ft-6in. H x 1ft-0in. W.

(b) *Arrow.* 10-inch H x 10-inch W.

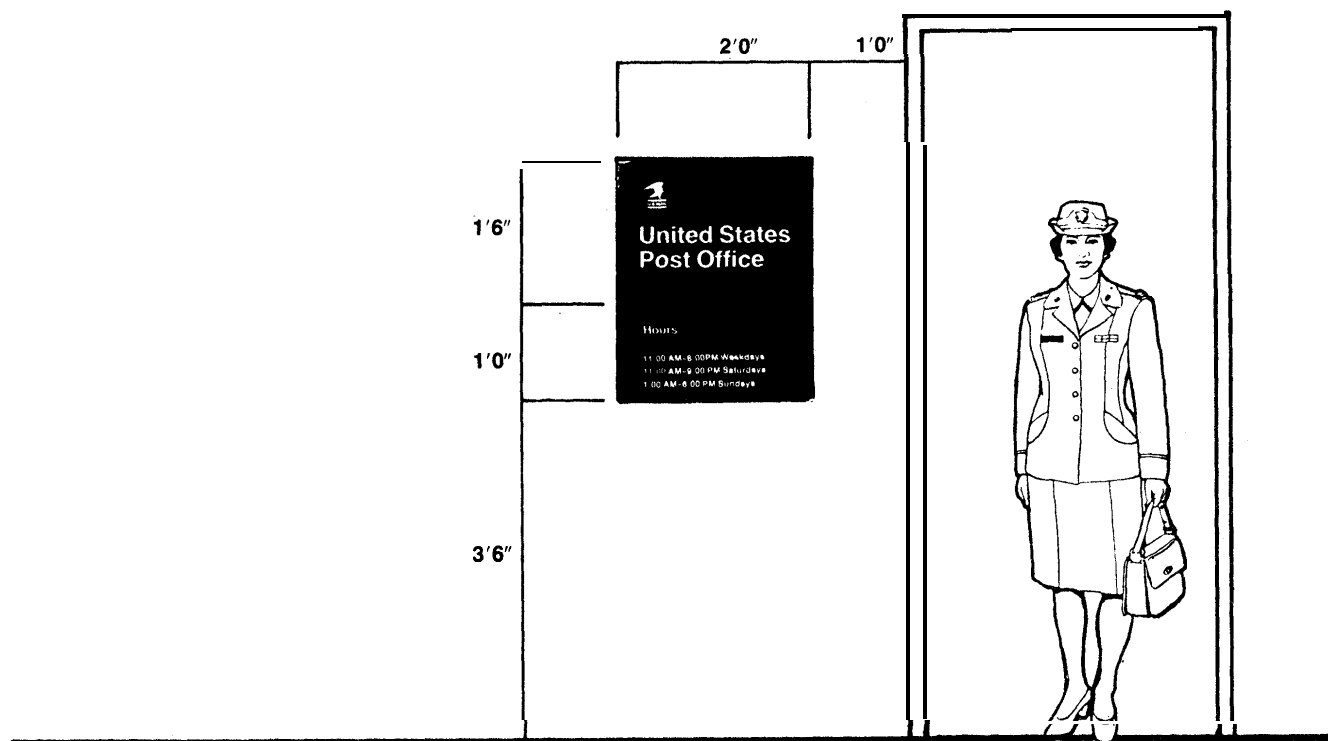
(5) *Sign grids.* Figure 3-51.

Figure 3-48. Exterior identification sign type D5 — community building entrance.

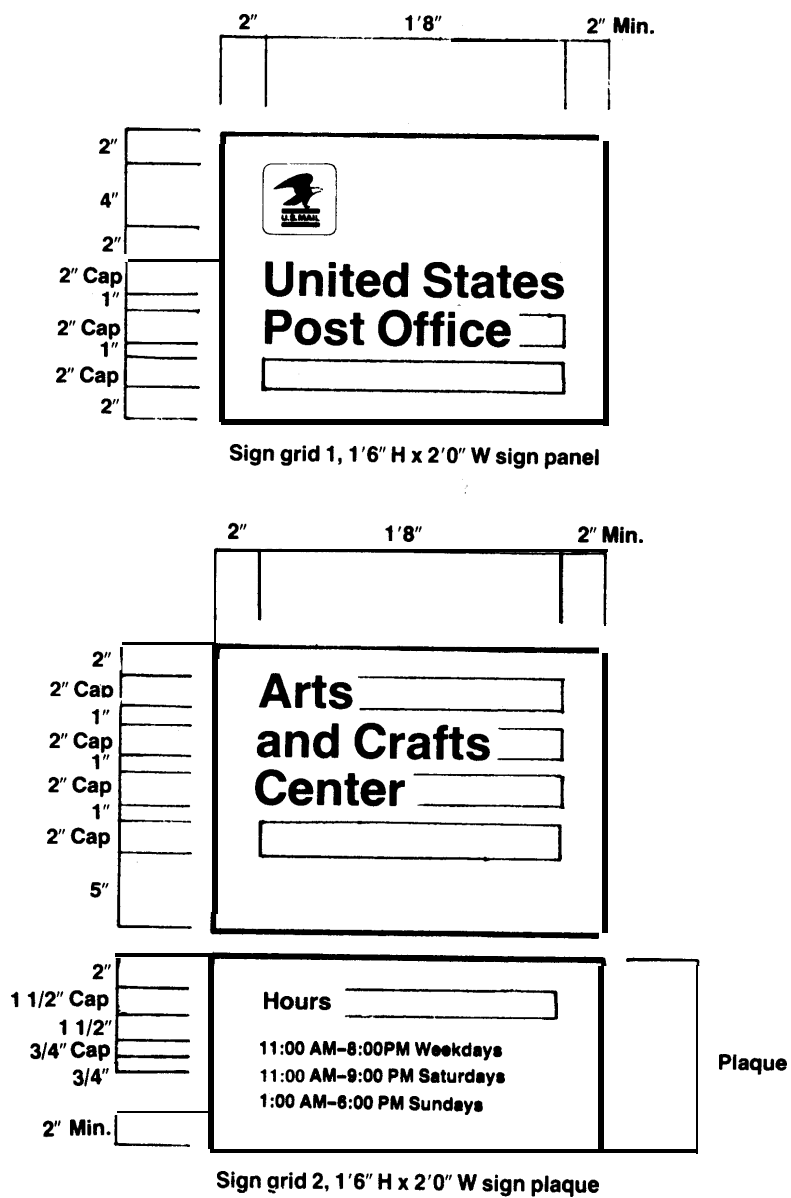


Figure 3-49. Exterior identification sign type D5 — community building entrance sign grid.

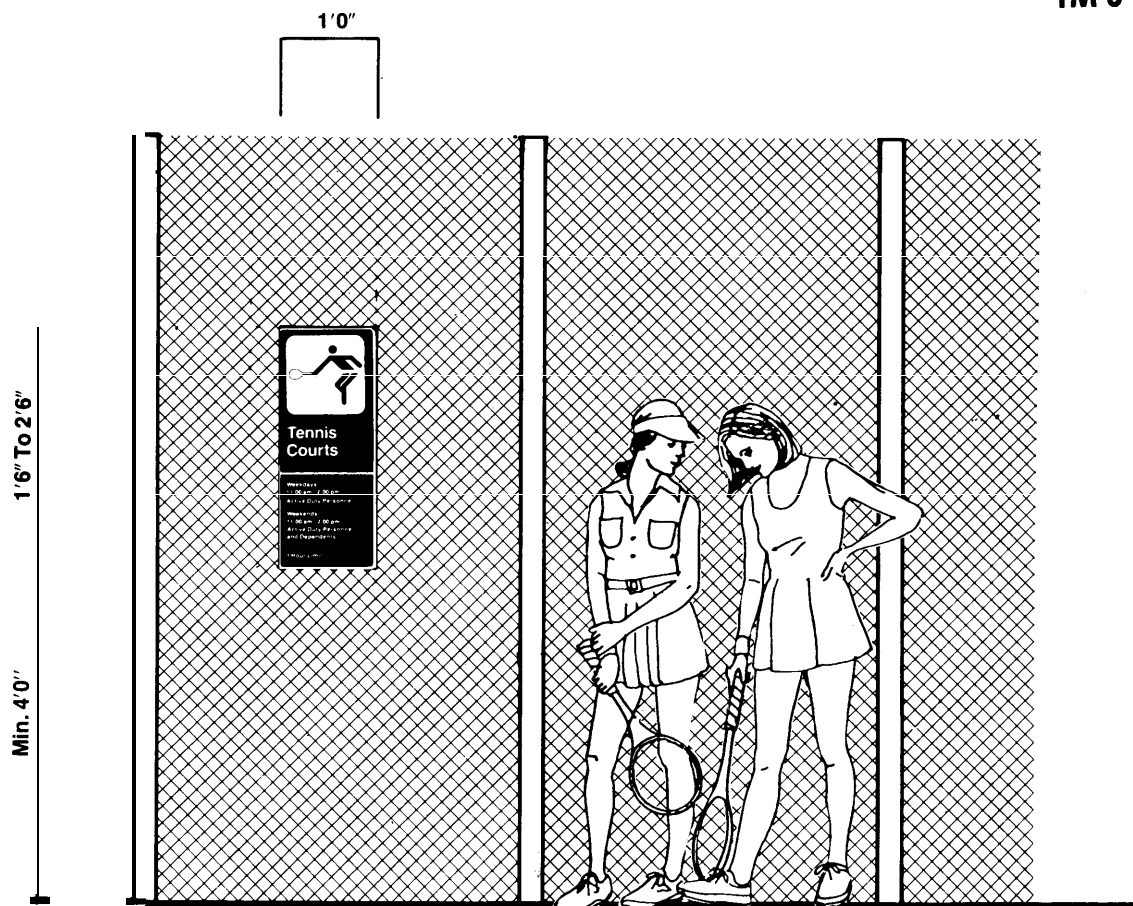


Figure 3-50. Exterior identification sign type D6 — recreation facility.

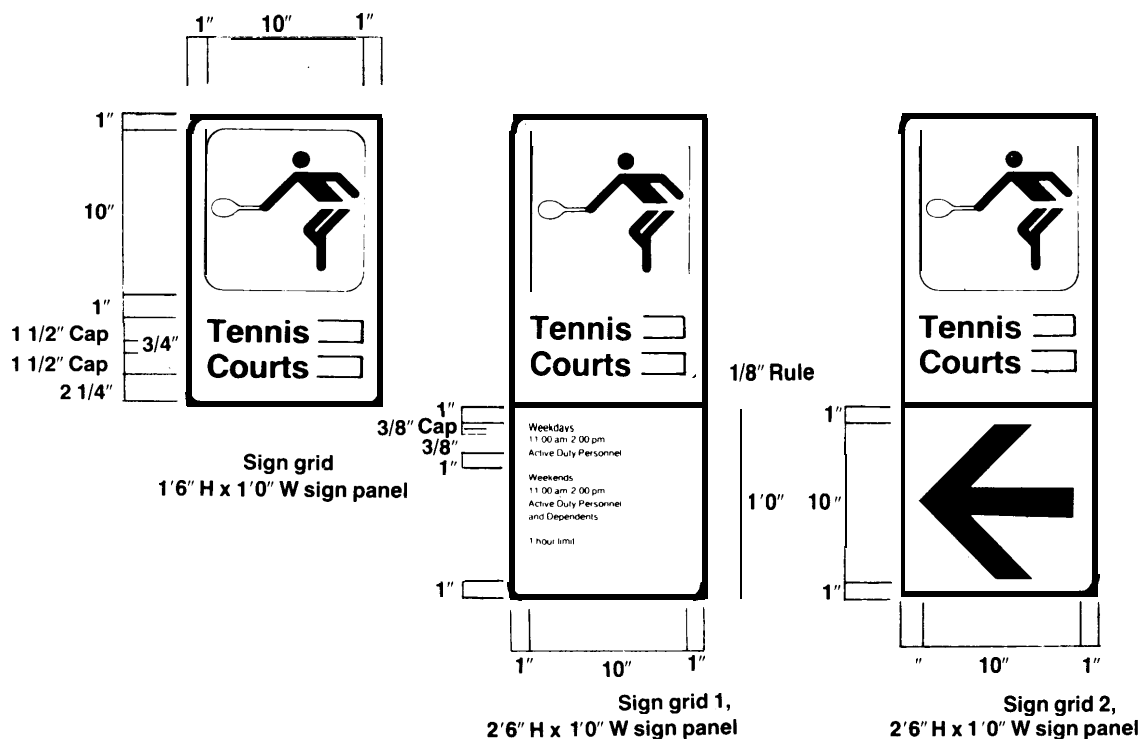


Figure 3-51. Exterior identification sign type D6 — recreation facility sign grid.

h. Busroute. Type D7 is used to identify bus services, such as bus routes, stops and schedules, which are unique to the Army or an extension of local public transportation services. See figure 3-52 for an example of this type of sign. Clear and consistent identification where appropriate will help to make transportation more convenient. The basic sign panel shows a standard bus symbol or the symbol for a local transit company and the words "Bus Stop". An optional extended sign grid shows a symbol, the words "Bus Stop" and hours of operation as shown in figure 3-52. Graphics may appear on one or both sides of this sign depending upon sign placement.

(1) *Colors.* White letters and numbers on standard

blue background. Pictograph—black on white background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 1ft-6in. H x 1ft-0in. W.

(b) *Message.* "Bus Stop"—upper and lower case helvetica medium, 1 3/4-inch capital letter height, centered.

(c) *Symbol.* 10-inch H x 10-inch W background border.

(3) *Extended sign grid specifications.*

(a) *Dimensions.* 2ft-6in. H x 1ft-0in. W.

(b) *Message.* "Bus Stop"—upper and lower case helvetica medium, 1 3/4-inch capital letter height, centered. Body copy—upper and lower case helvetica

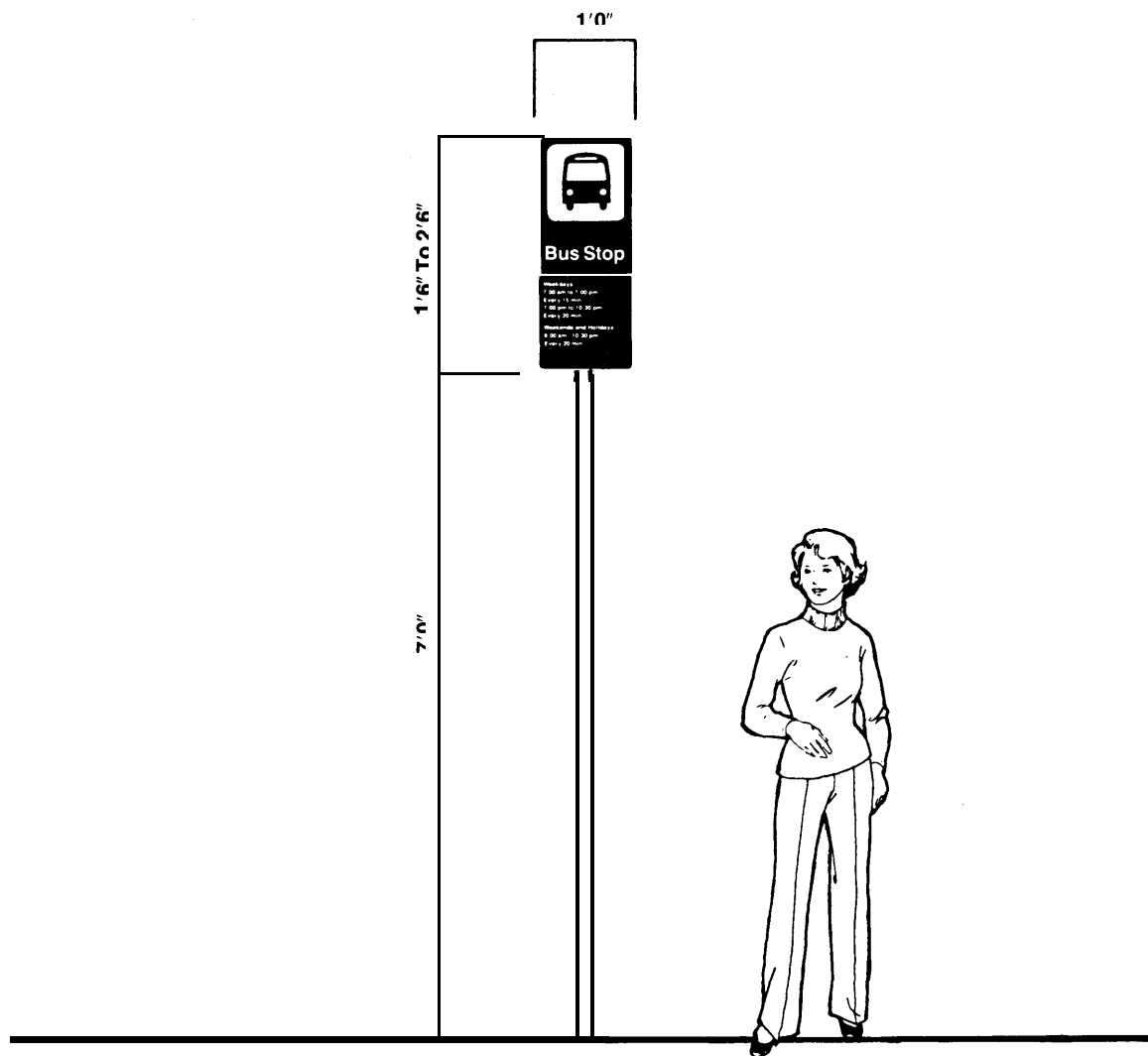


Figure 3-52. Exterior identification sign type D7 — bus route.

regular, 1/2-inch capital letter height. Average line length-33 characters per line.

(c) *Symbol.* 10-inch H x 10-inch W background border.

(4) *Sign grids.* Figure 3-53.

3-7. Motivational signs. Present throughout Army installations are signs designed to motivate. They are important elements of campaigns to boost morale, improve safety, aid in recruiting, and accomplish other special objectives. Motivational signs are unique in appearance and do not have specified graphic layouts. Unit insignias, emblems, branch colors, mottos, and names and titles of individuals are typically included on these signs. Since these signs may be produced by installation personnel with professional or limited talent in design, the quality of workmanship may vary. Motivational signs include three types:

—Sign type E1 —installation motivational sign,

identifies the principal commands or divisions stationed at the installation.

—Sign type E2—standard motivational sign, is used to support campaigns and special events.

—Sign type E3—Unit motivational sign, is used to express unit pride and display organizational insignias, emblems and mottos.

Graphics appear on two sides unless they are to be viewed by incoming traffic only or when they are placed parallel to the road. A concrete or masonry base consistent with the predominant architectural style of the installation is recommended. When use of a concrete or masonry base would be a traffic hazard, breakaway or yielding sign supports should be used as shown in appendix A. Sign finishes may vary, however, the sign structure should conform to those shown in appendix A. An overview of these signs is shown in figure 3-54. Sign placement guidelines are described in paragraph 3-11.

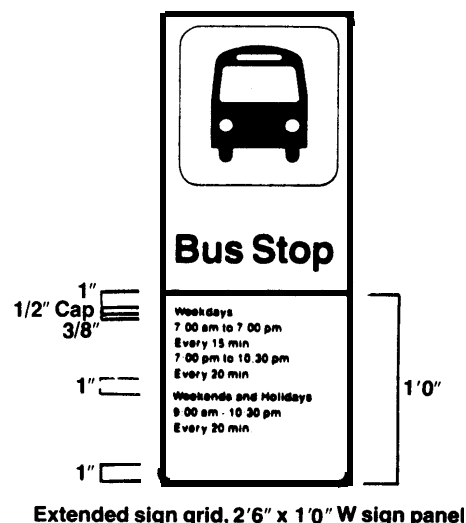
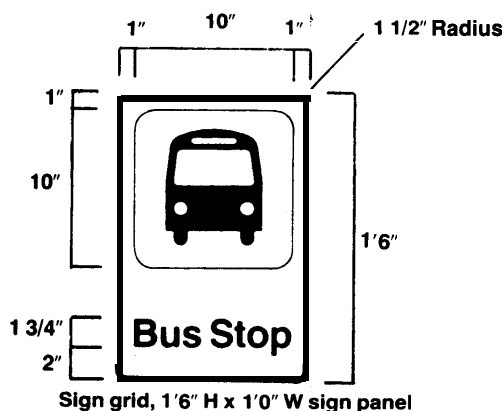
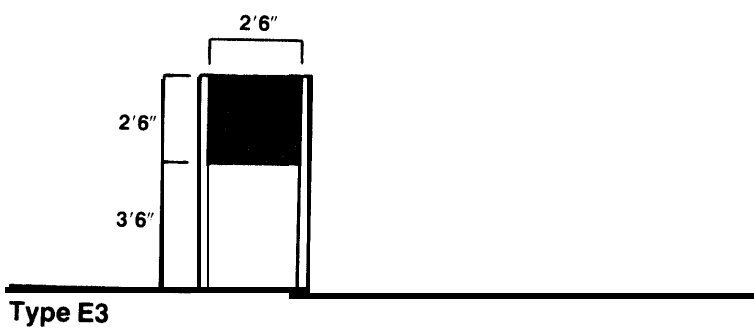
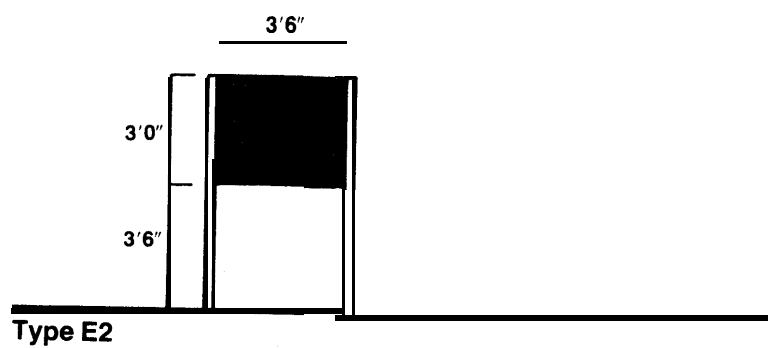
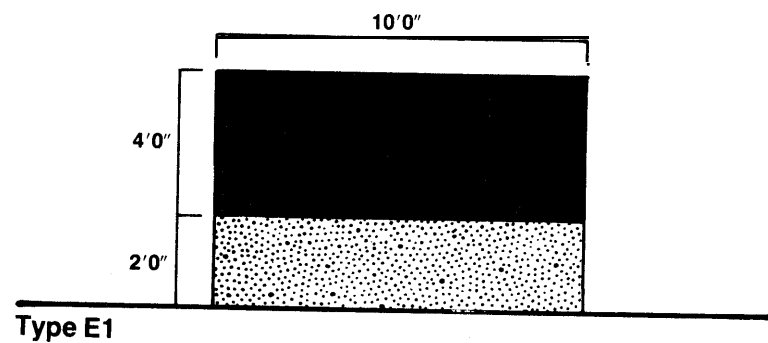


Figure 3-53. Exterior identification sign type D7 — bus route sign grid.



Note: Motivational signs may vary in size

Figure 3-54. Motivational signs.

a. Installation motivational sign. Type E1 signs identify the major military units located at each installation and display their insignia or emblems. An example of this type of sign is illustrated in figure 3-55. Installation motivational signs can also support the mottos of major units. The design, color, and size of the sign may vary, but should be executed in a professional manner. The recommended dimensions for type E 1 signs are 4ft-0in. H x 10ft-0in. W.

b. Standard motivational sign. Type E2 signs are used to promote campaigns and support special events, such as safety programs and donation drives. An example of a type E2 sign is illustrated in figure 3-56. Often these signs are of a temporary nature, but this should not impair the quality of design and fabrication. The number of standard motivational signs should be kept to a minimum. As with other motivational signs, the design, color, and size of the sign may vary. The recommended dimensions for type E2 signs are 3ft-0in. H x 3ft-6in. W.

c. Unit motivational sign. Type E3 signs are used to express unit pride and to display organizational insignias, emblems, and mottos as shown in figure 3-57. As with other motivational signs, the design, color and

size of the sign may vary. The recommended dimensions for type E3 signs are 2ft-6in. H x 2ft-6in. W.

3-8. Guide signs. Guide signs are an essential means for locating destinations and routing travel to those destinations within a military installation. This category includes site directory map signs at all entrance gates and other key points within the installation; large street name signs at all intersections; and large-lettered destination signs of not more than three lines. Together, these signs provide the most efficient means of guiding traffic to destinations within an installation. Installation building addresses similar to a municipality are the basis for this system.

a. Destination and street name. These signs should be in accordance with the "Manual on Uniform Traffic Control Devices", and MTMC Pamphlet 55-14. The use of the helvetica typeface is excluded on these signs.

b. Site directory map. Type F1 site directory map signs provide visitors with a simplified site map of the installation for orientation and directional guidance. Figure 3-58 illustrates this type of sign. Site maps identify all street names and indicate the location of the person using the directory. Major streets and destinations

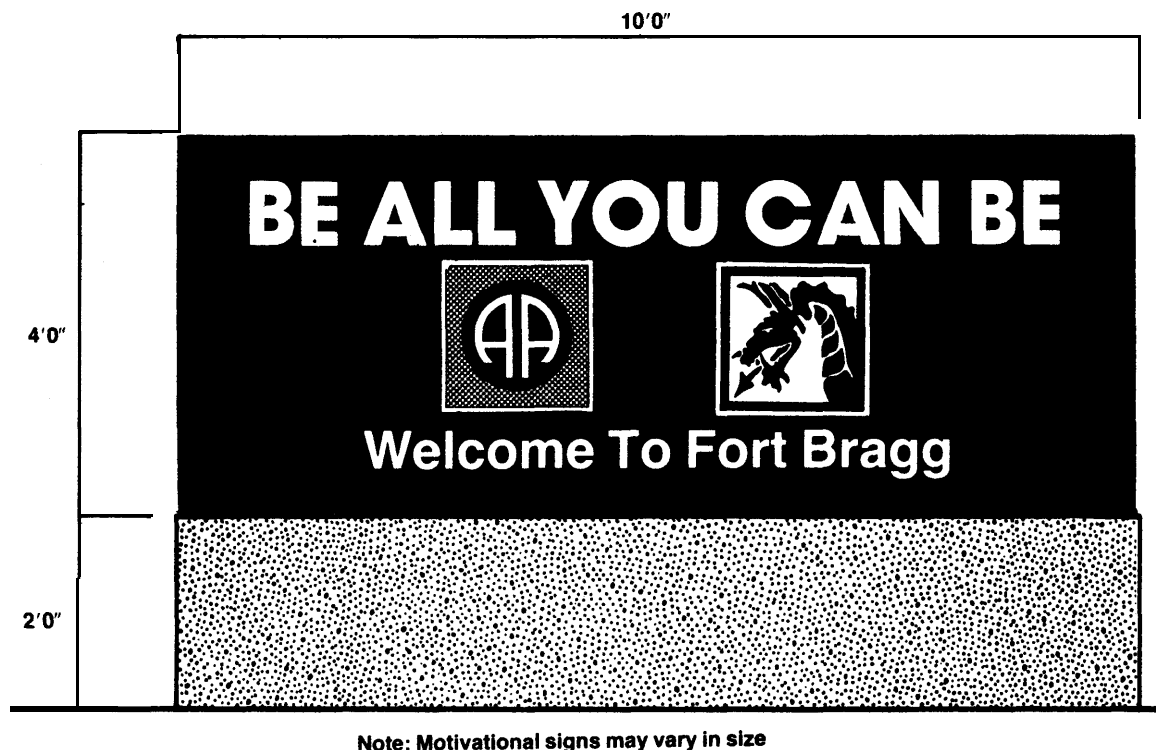
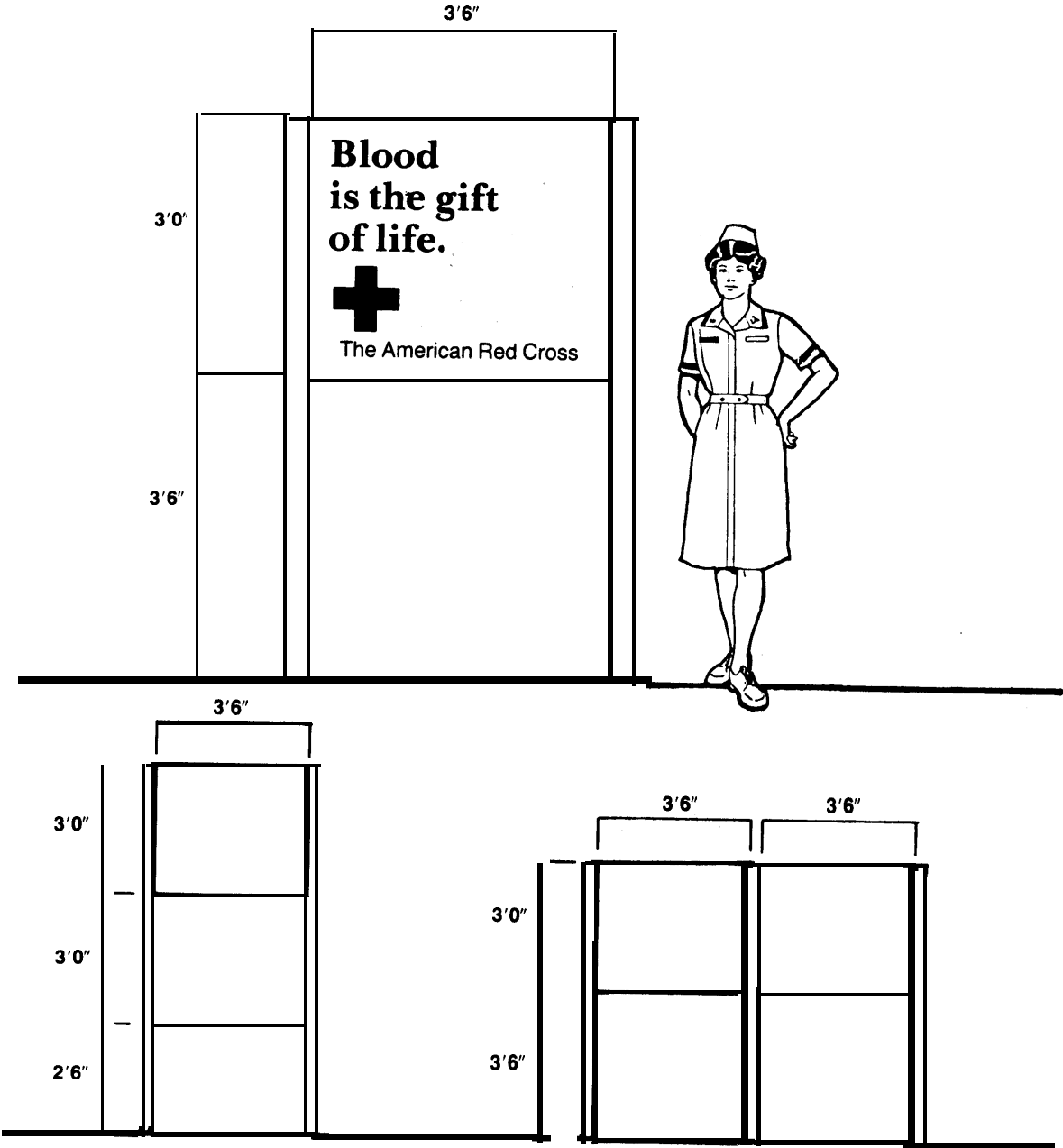
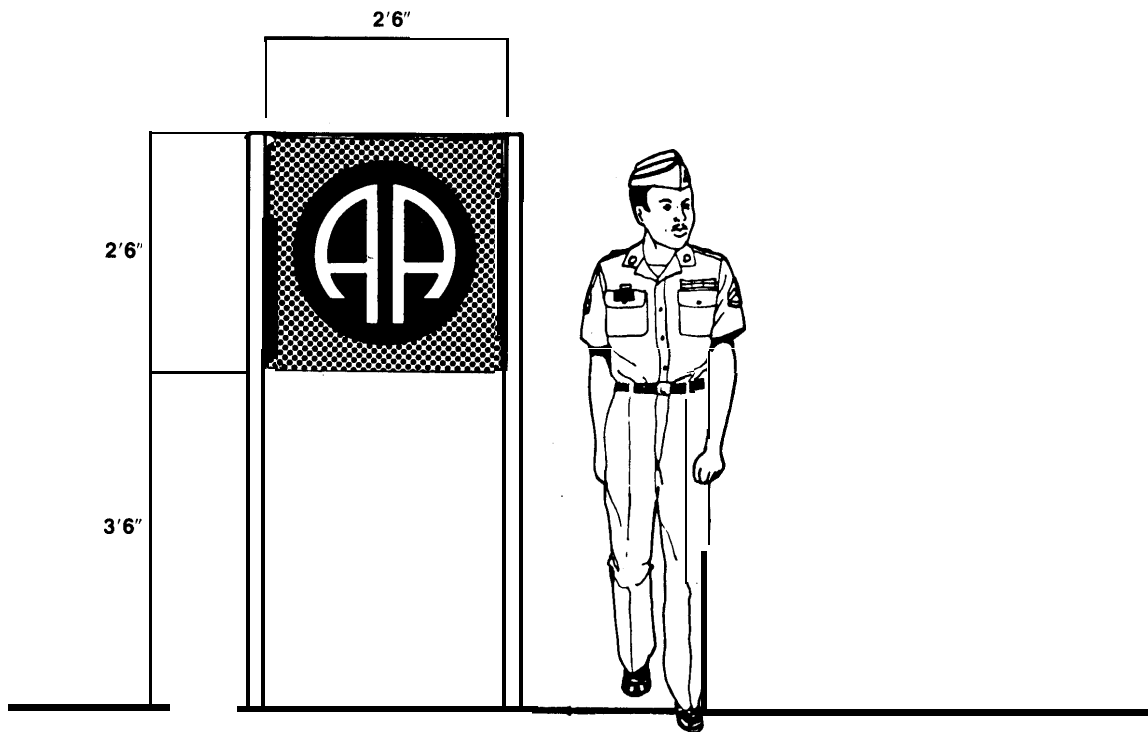


Figure 3-55. Exterior motivational sign type E1 — installation morale sign.



Note: Motivational signs may vary in size

Figure 3-56. Exterior motivational sign type E2 — standard morale sign.



Note: Motivational signs may vary in size

Figure 3-57. Exterior motivational sign type E3 — unit morale sign.

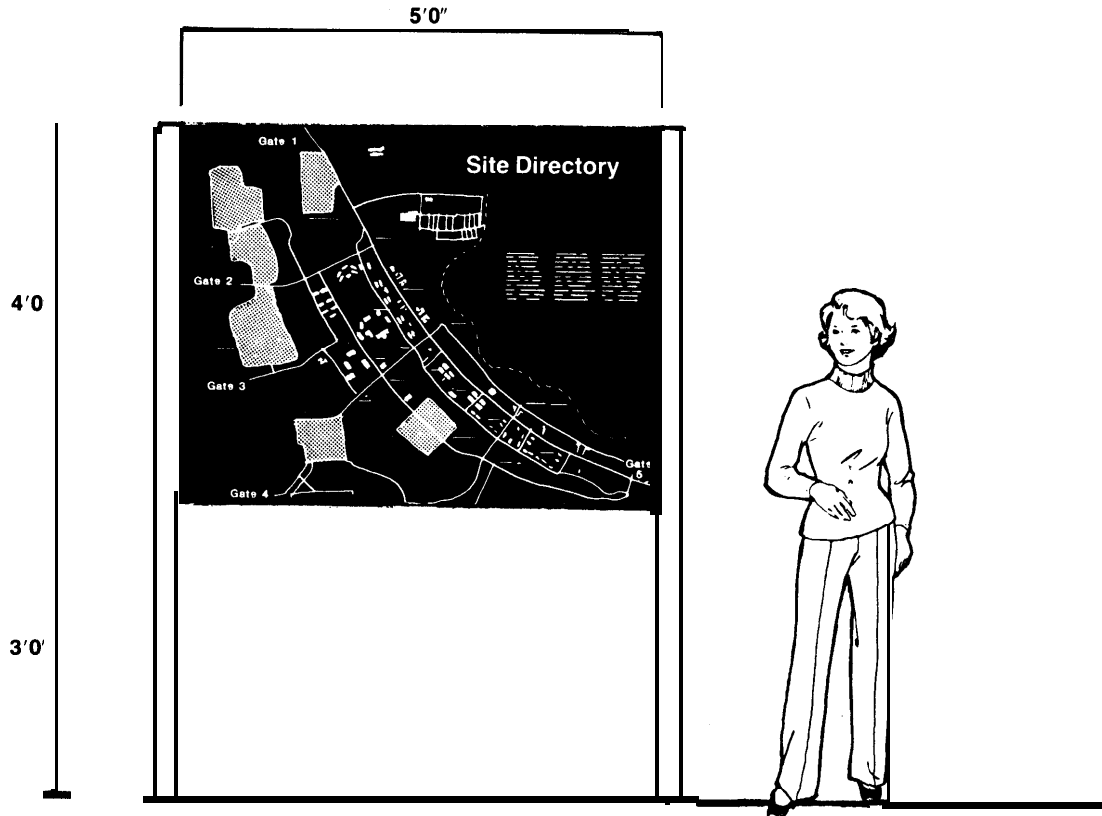


Figure 3-58. Exterior guide sign type F1 — installation site directory map.

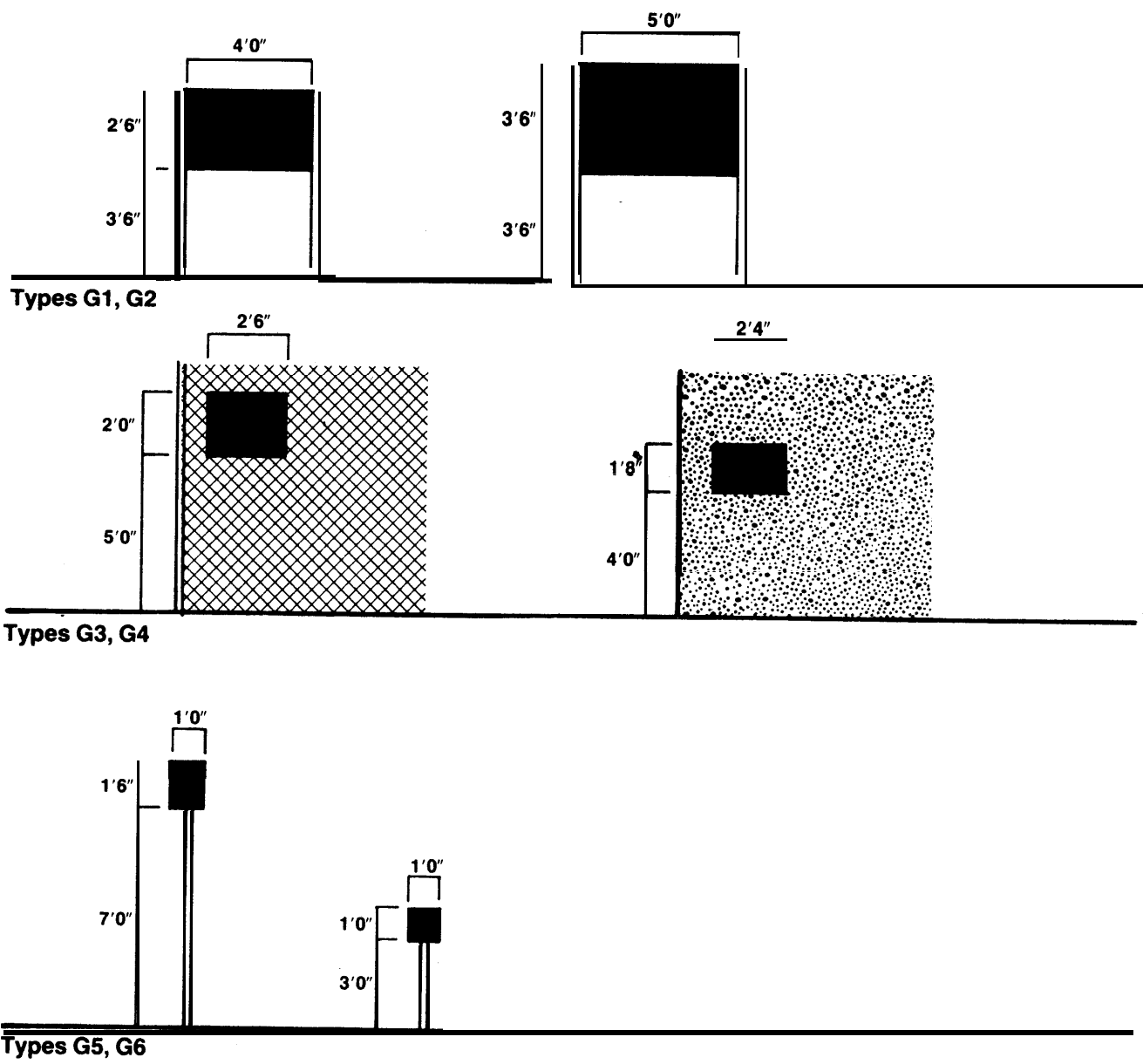


Figure 3-59. Mandatory/prohibitory signs.

which frequently receive non-repeat visitors should be graphically emphasized and include an address directory next to the map face. For complex installations, color should be used to enhance legibility by coding major streets, military destinations, community destinations, and open land areas. The size of site directory maps should be appropriate for the area illustrated and the placement site. Helvetica medium typeface is recommended for these signs. Since site directory maps are usually complex and perform such an important function, it is recommended that they be designed by a graphic design professional.

3-9. Mandatory/prohibitory signs. Mandatory/prohibitory signs restrict, warn and advise visitor and installation personnel in matters of Army security, safety and parking controls. To avoid confusion directives should not be unnecessarily wordy. Signs should be used in moderation so that their visual impact is not lessened. There are several types of mandatory/prohibitory signs as follows:

—Sign type G1, warning, is intended as a search and authorized personnel warning sign. Other warning messages which require this size sign may use type G 1.

—Sign type G2, warning, is intended as a restricted area warning sign. Other warning messages which require this size sign may use type G2.

—Sign type G3, warning, identifies general hazards, regulations and security information as type G2, but is smaller in size.

—Sign type G4, safety, identifies specific dangers and warns personnel and visitors of physical hazards and unsafe practices.

—Sign types G5 and G6, parking.

—Sign type G7, special traffic.

Graphics appear on only one side of the signs where they are to be placed parallel to the road. An overview of these signs is shown in figure 3-59. Sign placement guidelines are described in paragraph 3-11. Sign structures are given in appendix A.

a. Warning. Type G1 signs notify visitors of restrictions governing conduct on the installation and of entrances limited to authorized personnel. An example of this type of sign maybe seen in figure 3-60. Search warnings used on these signs should conform to security procedures at each installation. Type G1 signs are intended for specified uses, but can be used for any warning message requiring this size sign. In areas where English is but one of two or more languages commonly spoken, warning signs will contain the local language(s) in addition to English in accordance with AR 380-20. When used for a translation, type G1 sign grid may be extended vertically using 6-inch increments. The word

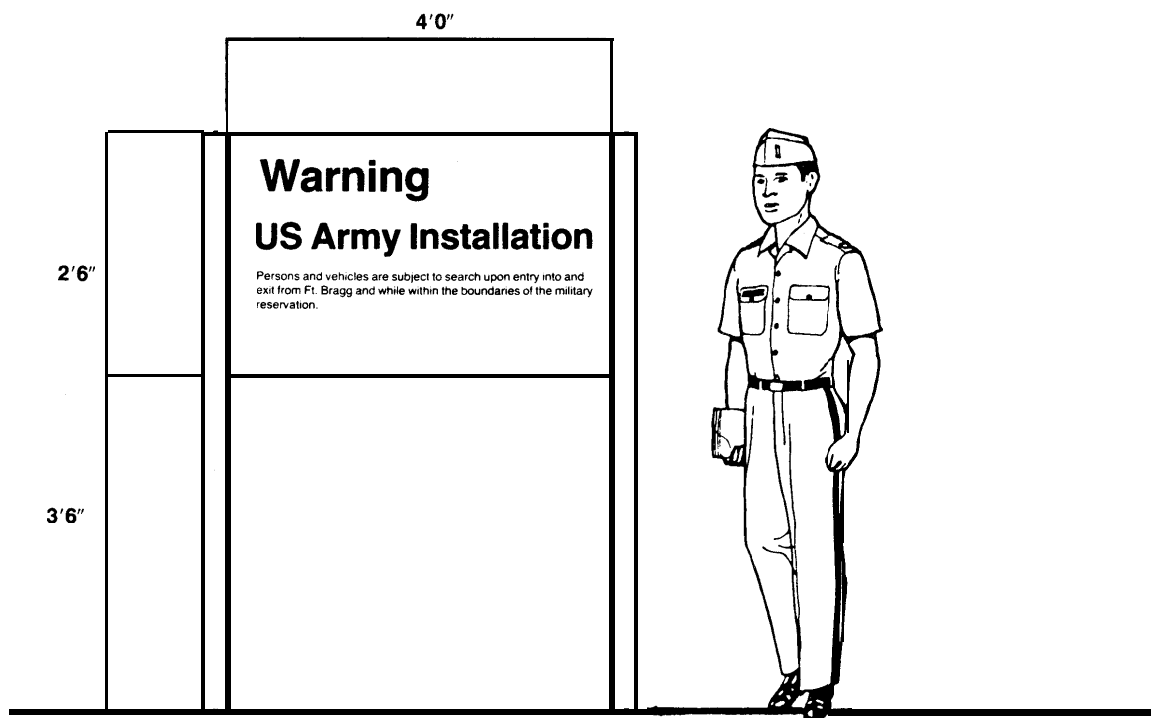
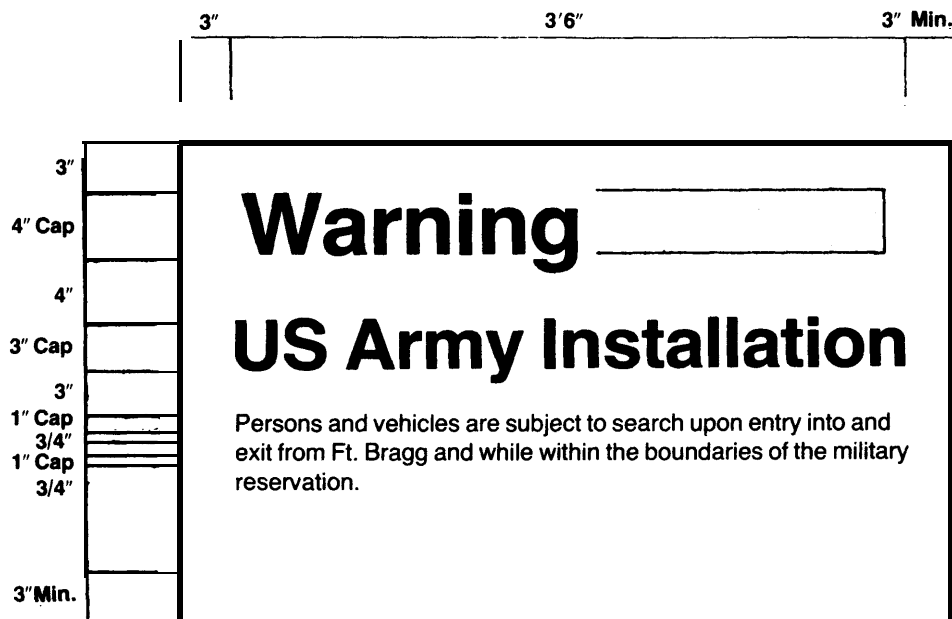
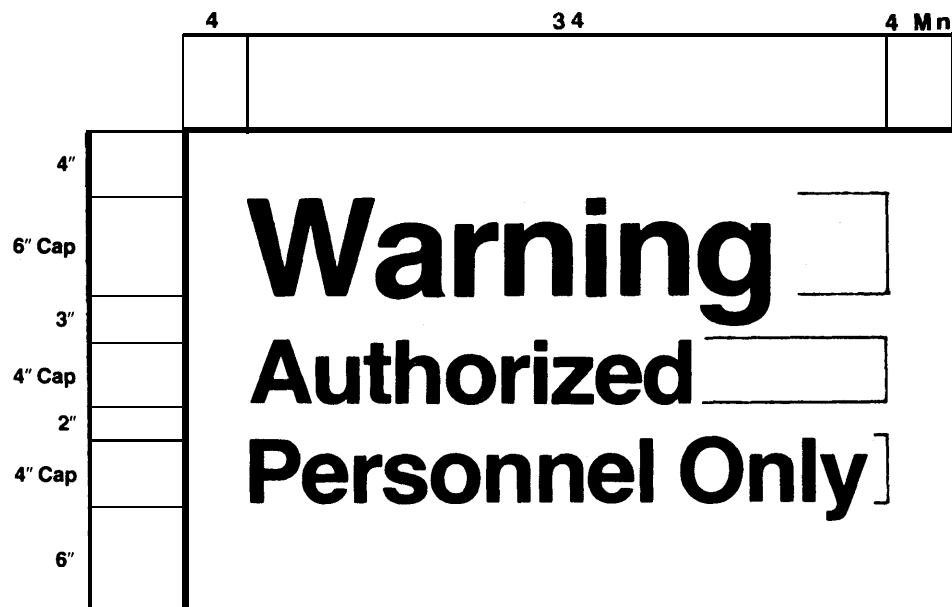


Figure 3-60. Exterior mandatory/prohibitory sign type G1 — warning.



Sign grid 1, 2'6" H x 4'0" W sign panel



Sign grid 2, 2'6" H x 4'0" W sign panel

Figure 3-61. Exterior mandatory/prohibitory sign type G1 — warning sign grid.

“Warning” must appear at the top of the sign in red letters only.

(1) *Colors.* Black letters and numbers on a white background. “Warning”—Red letters on a white background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 2ft-6in. H x 4ft-0in. W.

(b) *Message in English.* “Warning”—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—14 characters per line. “US Army Installation”—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—19 characters per line. Body copy—upper and lower case helvetica medium, 1-inch capital letter height, flush left. Average line length—66 characters per line.

(c) *Message in foreign language.* Equivalent of “Warning”—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—14 characters per line. Equivalent of “US Army Installation”—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—19 characters per line. Body copy—upper and lower case helvetica regular, 1-inch capital letter height,

flush left. Average line length—86 characters per line.

(3) *Sign grid 2 specifications.*

(a) *Dimensions.* 2ft-6in. H x 4ft-0in. W.

(b) *Message.* “Warning”—upper and lowercase helvetica medium, 6-inch capital letter height, flush left. Average line length—10 characters per line. “Authorized Personnel Only”—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length—14 characters per line.

(4) *Sign grids.* Figure 3-61.

b. *Warning.* Type G2 signs notify visitors and installation personnel of regulations pertaining to restricted areas on the installation. Figure 3-62 is an example of a type G2 sign. Areas requiring security measures are designated by Army installation commanders and may be classified as restricted areas, exclusion areas, limited areas, or controlled areas, as defined in AR 380-20. The warning message must conform to procedures in AR 380-20. Type G2 signs are intended for a specified use, but be used for any warning message requiring this size sign. In areas where English is but one of two or more languages commonly spoken, warning signs will contain the local language(s) in addition to

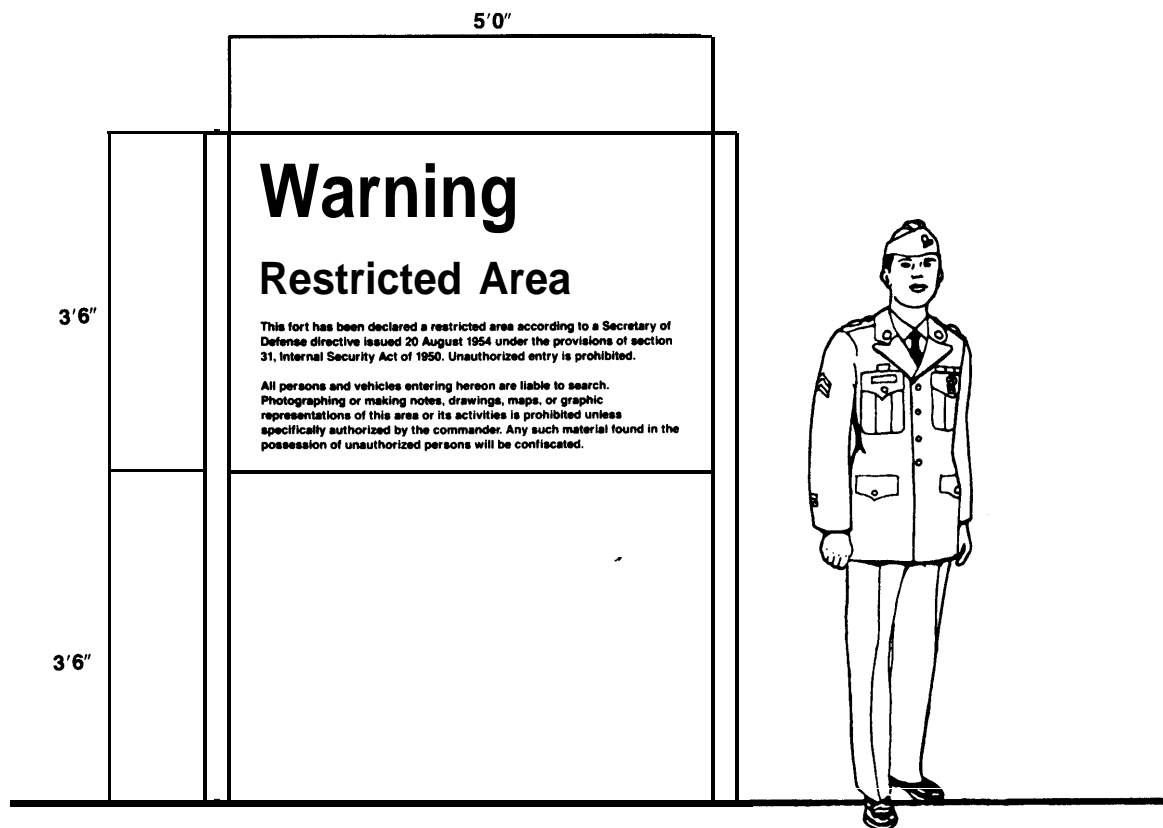


Figure 3-62. Exterior mandatory/prohibitory sign type G2 — warning.

English as shown in figure 3-63. When used for a translation, type G2 sign grid maybe extended vertically using 6-inch increments. The word” Warning” must appear at the top of the sign in red letters only.

(1) *Colors.* Black letters and numbers on white background. “Warning”—red letters on a white background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 3ft-6in. H x 5ft-0in. W.

(b) *Message in English.* “Warning”—upper and lower case helvetica medium, 6-inch capital letter height, flush left. Average line length—12 characters per line. “Restricted Area”—upper and lower case helvetica medium, 4-inch capital letter height, flush left.

Average line length— 18 characters per line. Body copy—upper and lower case helvetica medium, 1-inch capital letter height, flush left. Average line length-74 characters per line.

(c) *Message in foreign language.* Equivalent of “Warning—upper and lower case helvetica medium, 6-inch capital letter height, flush left. Average line length— 12 characters per line. Equivalent of “Restricted Area”—upper and lower case helvetica medium, 4-inch capital letter height, flush left. Average line length-18 characters per line. Body copy—upper and lower case helvetica regular, 1-inch capital letter height, flush left. Average line length-86 characters per line.

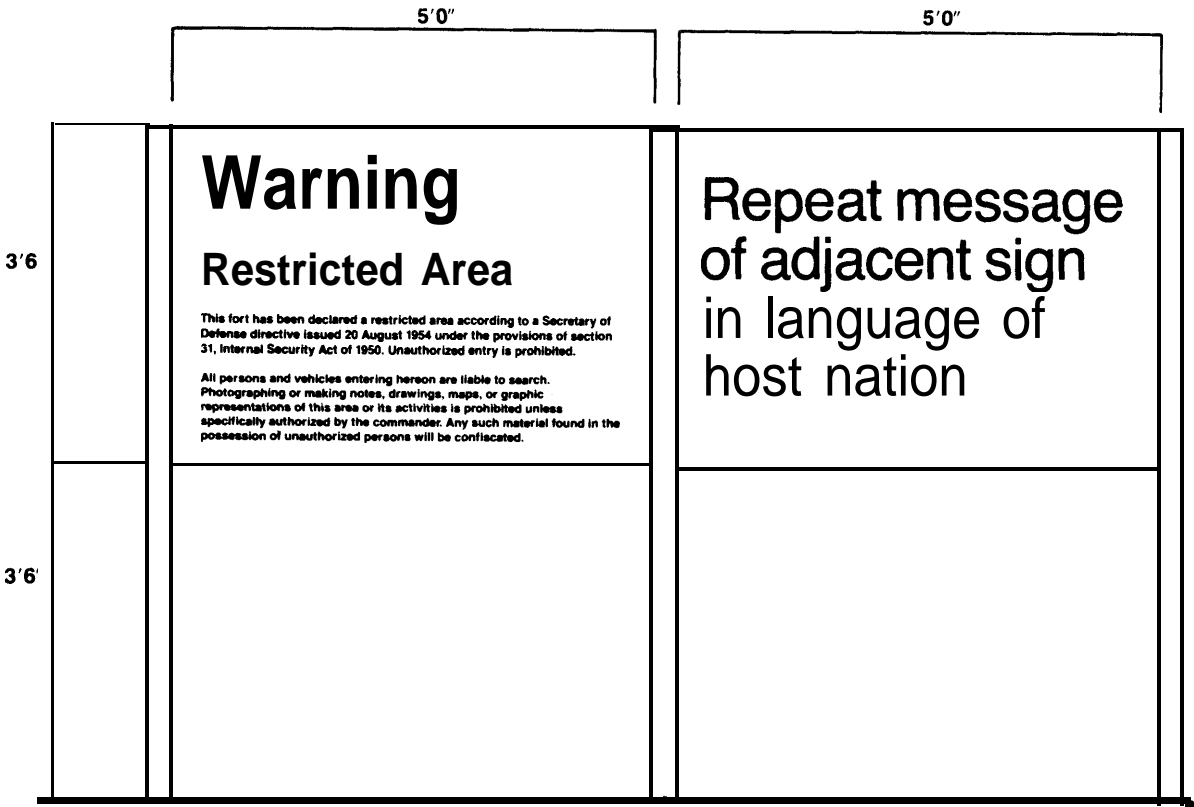


Figure 3-63. Exterior mandatory/prohibitory sign type G2 — dual language warning.

(3) *Sign grid.* Figure 3-64.

c. *Warning.* Type G3 signs may notify visitors and installation personnel of general hazards, regulations, and restricted areas similar to types G1 and G2, but on a smaller sized sign as shown in figure 3-65. Warning messages requiring this size sign may use type G3. If used, the warning message for restricted areas must conform to procedures in AR 380-20. In areas where English is but one of two or more languages commonly spoken, warning signs will contain the local language(s) in addition to English as shown in figure 3-66. When used for a translation, type G3 sign grid maybe extended vertically using 6-inch increments or the letter height may be reduced using "1-inch increments to accom-

modate the message length. The word "Warning" must appear at the top of the sign in red letters only.

(1) *Colors.* Black letters and numbers on white background, with the exception of the word "Warning" which has red letters on a white background.

(2) *Sign grid 1 specifications.*

(a) *Dimensions.* 2ft-0in. H x 2ft-6in. W.

(b) *Message.* "Warning"—upper and lowercase helvetica medium, 4-inch capital letter height, flush left. Average line length—eight characters per line. Body copy—upper and lower case helvetica medium, 2-inch capital letter height, flush left. Average line length—17 characters per line.

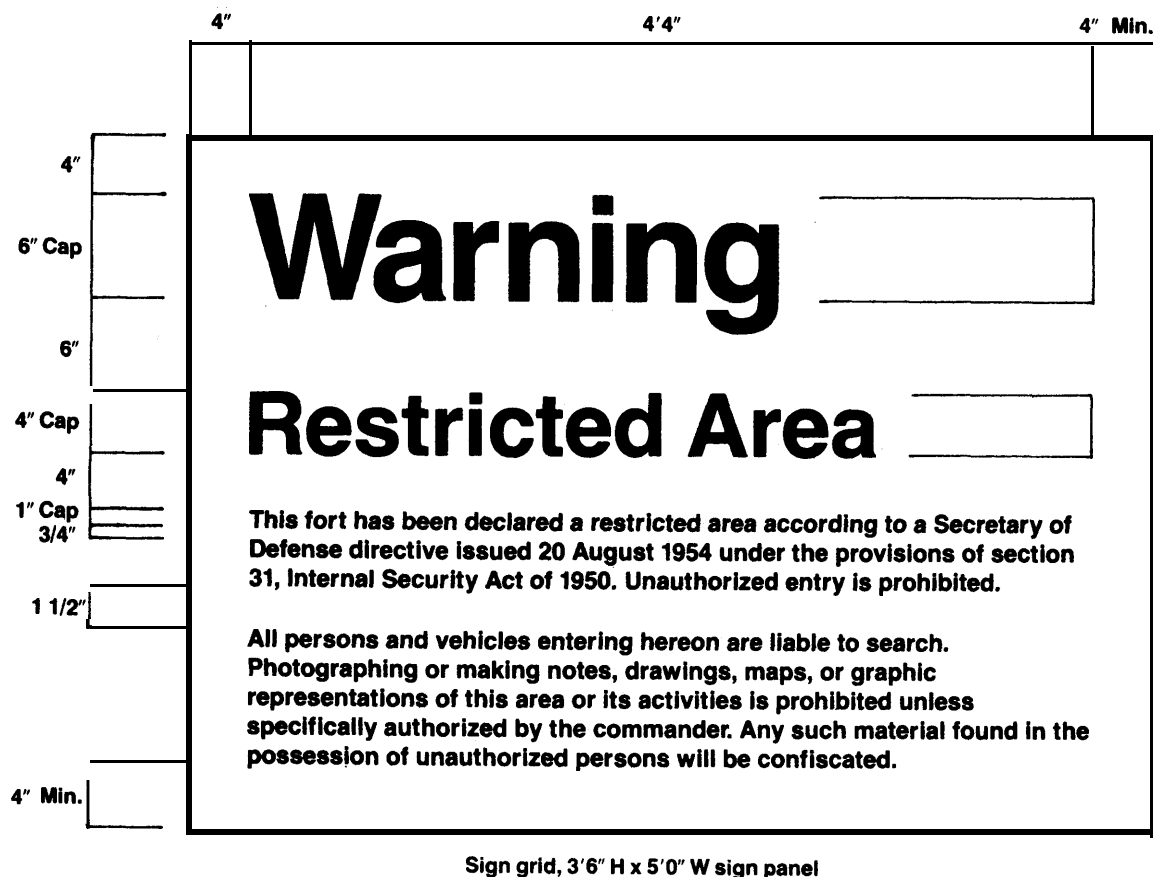


Figure 3-64. Exterior mandatory/prohibitory sign type G2 — warning sign grid.

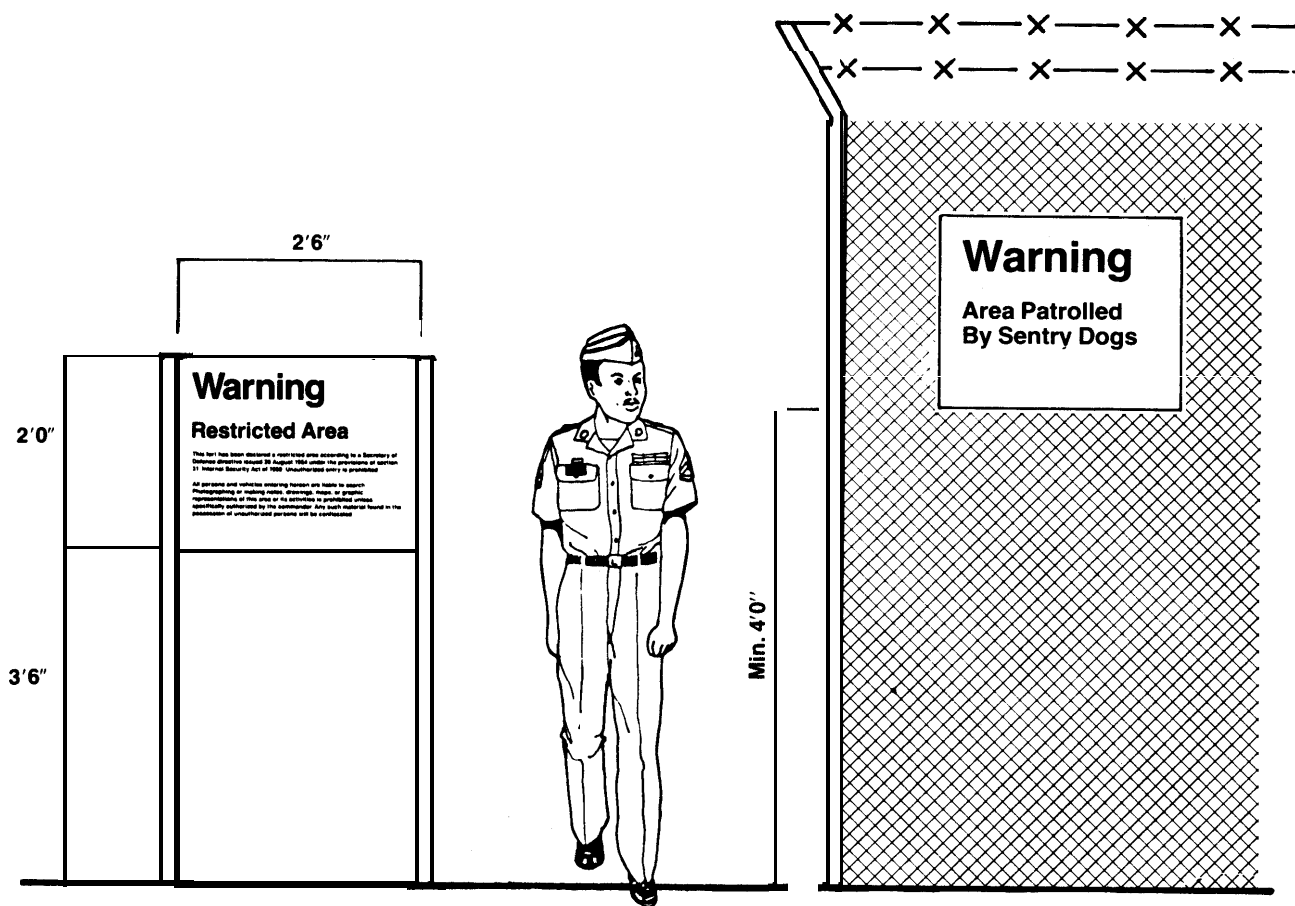


Figure 3-65. Exterior mandatory/prohibitory sign type G3 — warning.

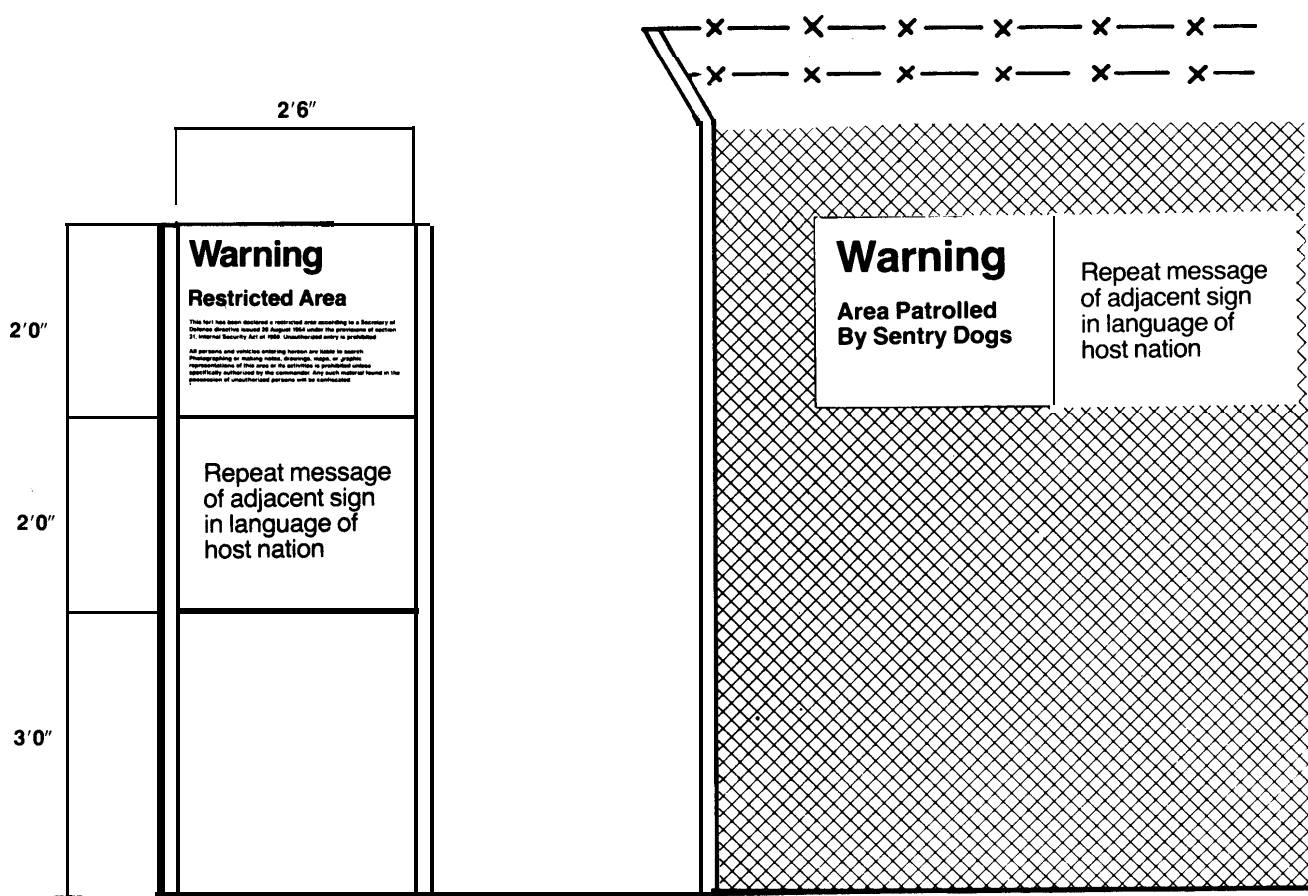


Figure 3-66. Exterior mandatory/prohibitory sign type G3 — dual language warning.

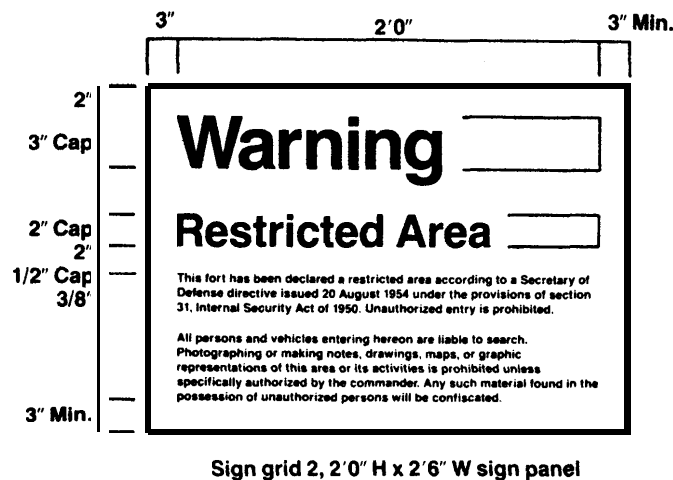
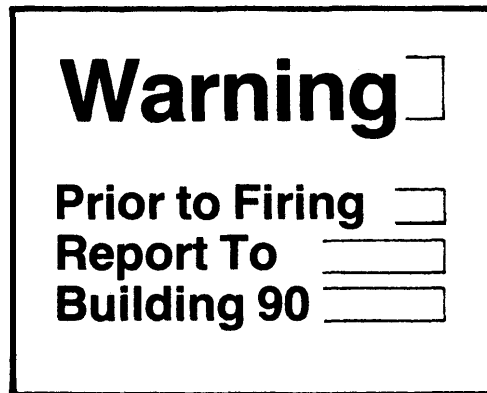
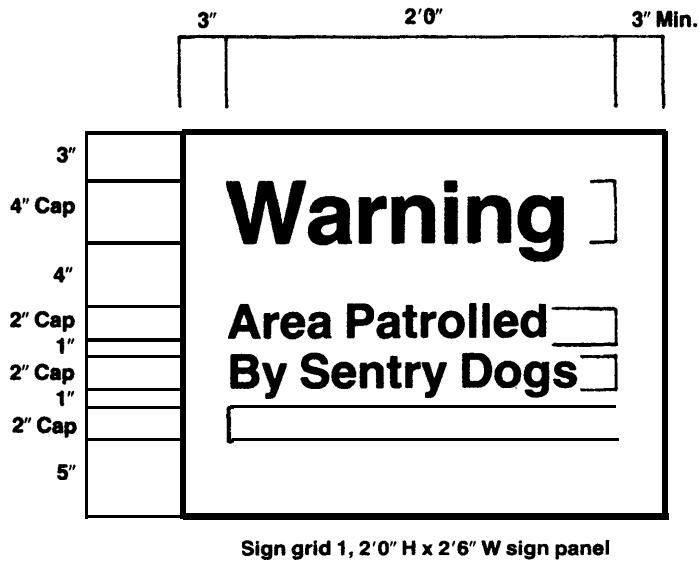


Figure 3-67. Exterior mandatory/prohibitory sign type G3 — warning sign grid.

(3) *Sign grid 2 specifications.*(a) *Dimensions.* 2ft-0in. H x 2ft-6in. W.(b) *Message.* "Warning"—upper and lower case helvetica medium; 3-inch capital letter height, flush left. Average line length—11 characters per line. "Restricted Area"—upper and lower case helvetica medium 2-inch capital letter height, flush left. Average line length—17 characters per line. Body copy—upper and lower case helvetica medium, 1/2-inch capital letter height, flush left. Average line length—68 characters per line.(4) *Sign grids.* Figure 3-67.

d. *Safety.* To maintain consistency with other Army signage, it is recommended that safety signs, shown in figure 3-68, use the helvetica letter form and illustrated sign grids as shown in figure 3-69. Several examples of recommended sign layout demonstrate the application of typical safety directives. Specifications for safety signs are detailed in AR 385-30, and are in accordance with these guidelines.

(1) *Colors.* See AR 385-30.(2) *Sign grid 1 specifications.*(a) *Dimensions.* 1ft-8in. H x 2ft-4in. W.(b) *Message.* Header title—upper and lower case helvetica medium, 2 3/4-inch capital letter height, flush left. Average line length—13 characters per line. Body copy—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—12 characters per line.(3) *Expanded sign grid specifications.*(a) *Dimensions.* 1ft-8in. H x 2ft-4in. W.(b) *Message.* Header title—upper and lower case helvetica medium, 2 3/4-inch capital letter height, flush left. Average line length—13 characters per line. Body copy—upper and lower case helvetica medium, 3-inch capital letter height, flush left. Average line length—12 characters per line.(4) *Sign grids.* Figure 3-69.

e. *Parking.* Type G5 signs have been designed to supplement the *Manual on Uniform Traffic Control Devices* parking standards. An example of this type of

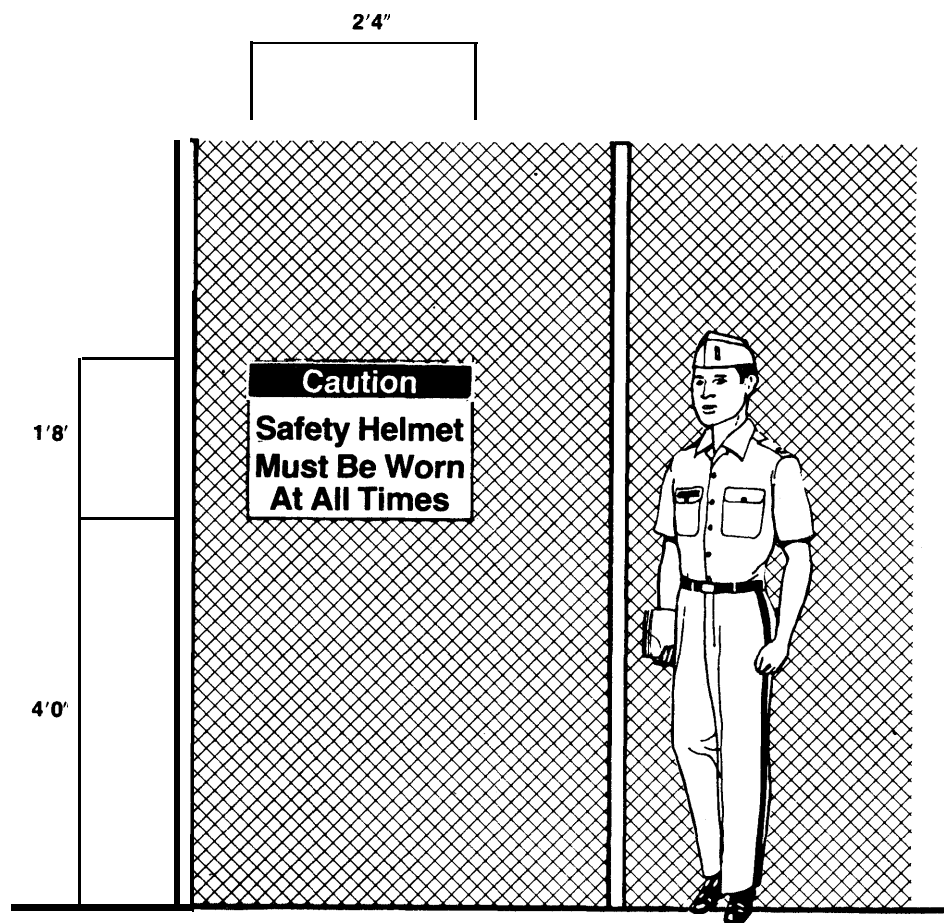


Figure 3-68. Exterior mandatory/prohibitory sign type G4 — safety.

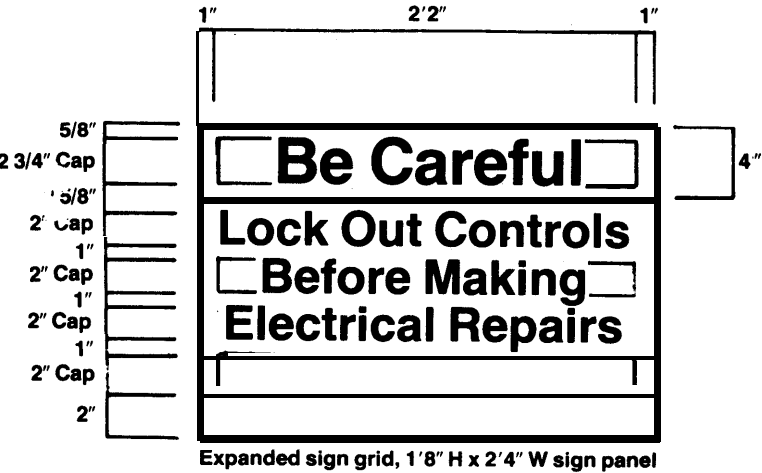
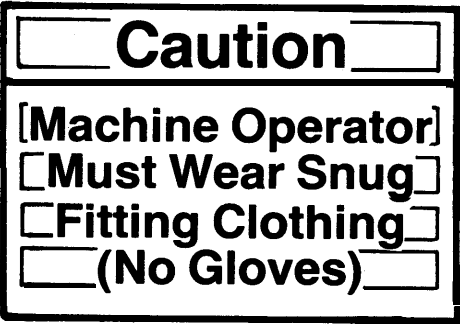
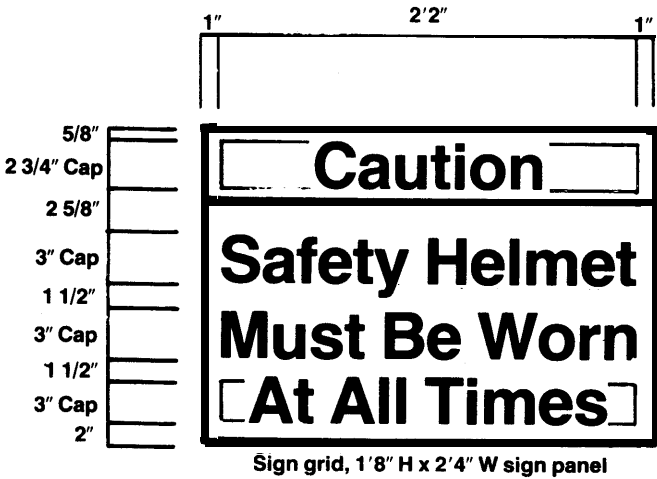


Figure 3-69. Exterior mandatory/prohibitory sign type G4 — safety sign grid.

sign is illustrated in figure 3-70. Parking control requirements for the physically handicapped are indicated in figure 3-71. Symbols are used to indicate parking, reserved parking, and handicapped parking as shown in figure 3-71. Parking signs show a standard green "P" on a white background. Reserved parking signs show a black "P" on a white background. Handicapped parking signs show the international handicapped

symbol in white on the required blue background. Messages should appear below the pictograph to reinforce their meaning and to add special information, such as "Visitor Parking." Type G5 signs may be free-standing or wall-mounted. Sign placement should follow guidelines in the *Manual on Uniform Traffic Control Devices*.

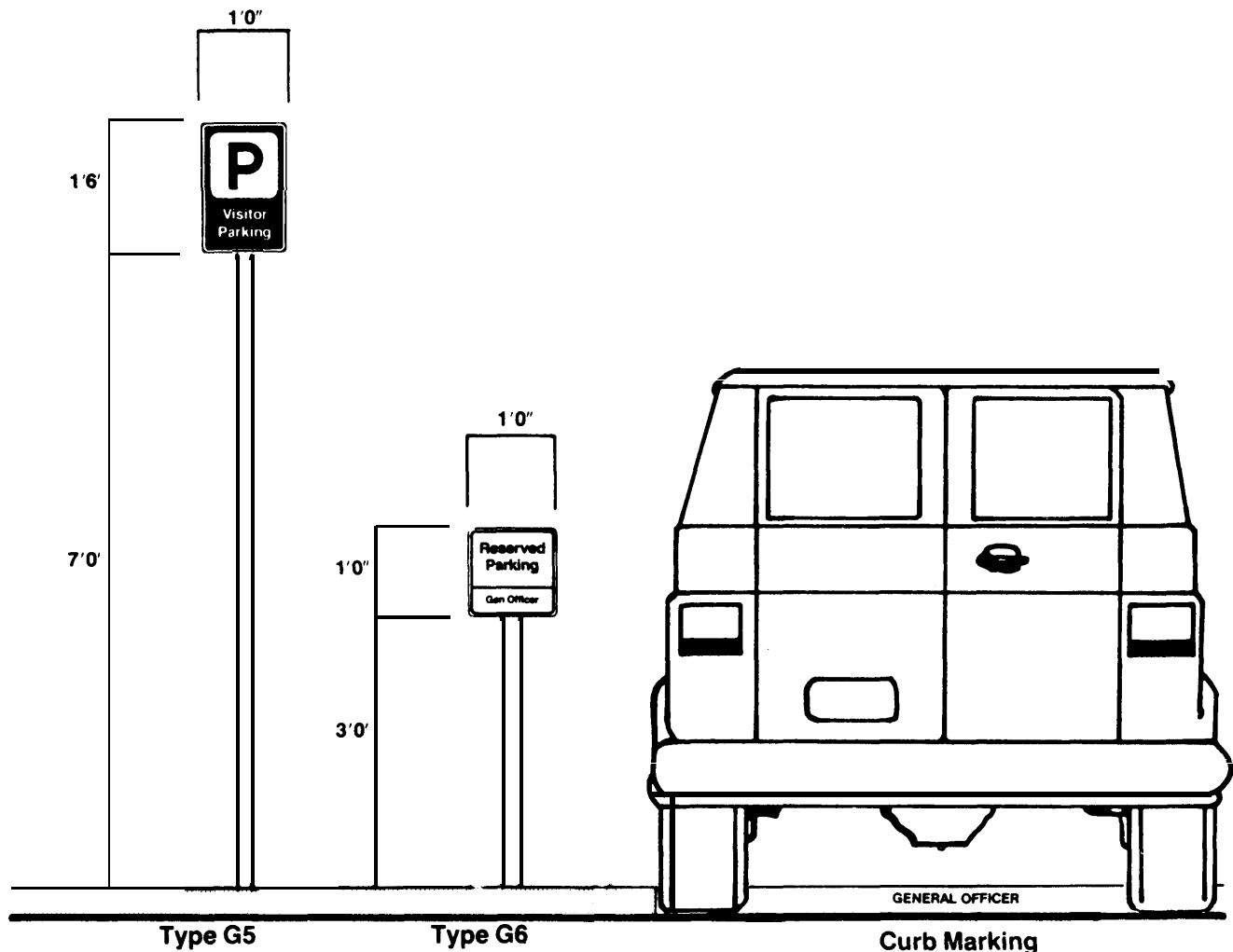


Figure 3-70. Exterior mandatory/prohibitory sign types G5 and G6-parking.

(1) Sign grid 1 specifications.

(a) Colors. White letters and numbers on standard green background. Pictograph—standard green "P" on white background.

(b) Dimensions. 1ft-6in. H x 1ft-0in. W.

(c) Message. Parking directive—upper and lower case helvetica medium 1 1/2-inch capital letter height, centered. Average line length—nine characters per line.

(2) Sign grid 2 specifications.

(a) Colors. White letters and numbers on black background. Pictograph—black "P" on white background.

(b) Dimensions. 1ft-6in. H x 1ft-0in. W.

(c) Message. Parking directive—upper and lower case helvetica medium, 1 1/2-inch capital letter height, centered. Average line length—nine characters per line.

(3) Sign grid 3 specifications.

(a) Colors. White letters and symbol on required blue background.

(b) Dimensions. 1ft-6in. H x 1ft-0in. W.

(c) Message. Parking directive—upper and lower case helvetica medium 1 1/2-inch capital letter height, centered. Average line length—nine characters per line.

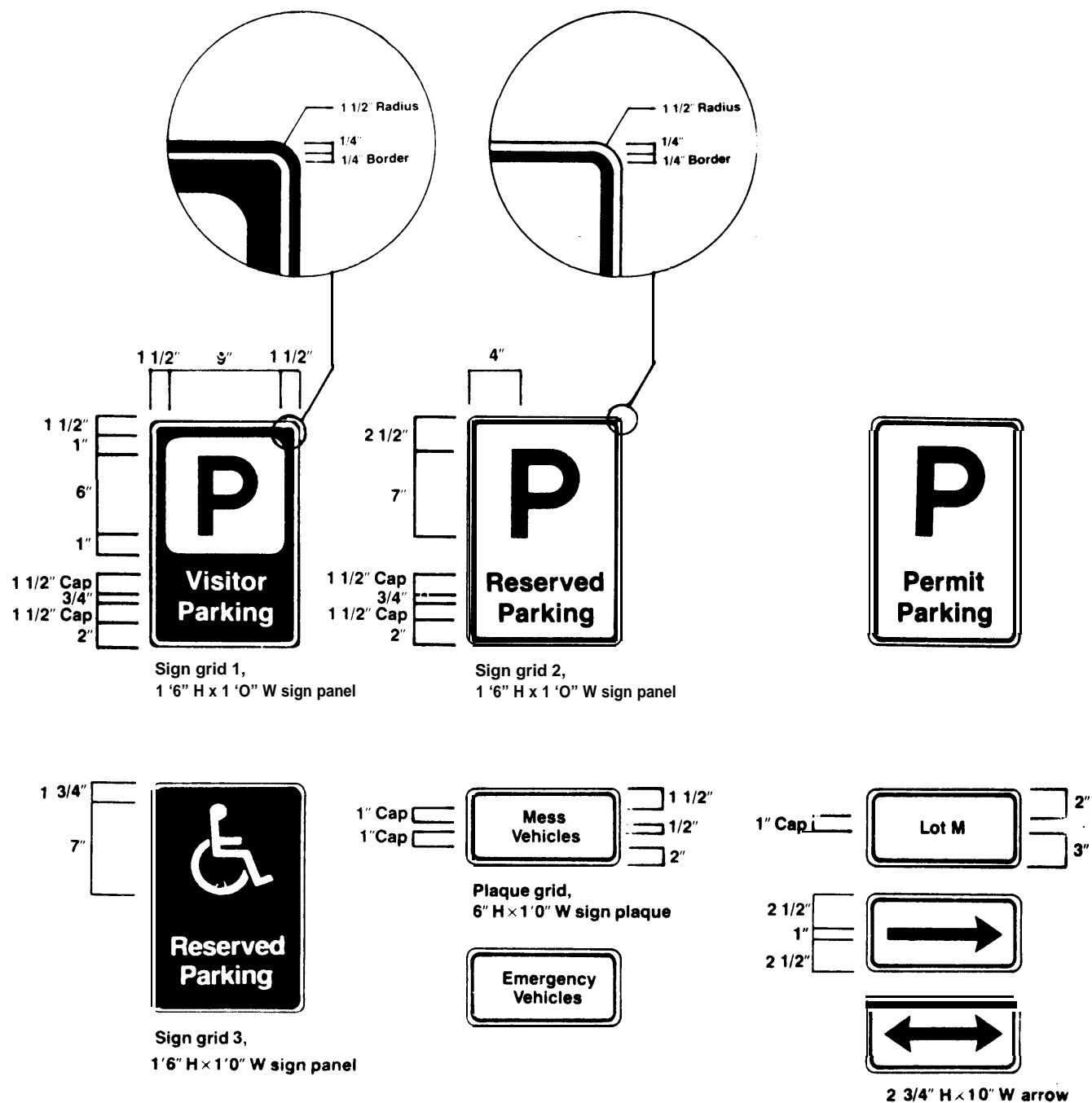


Figure 3-71. Exterior mandatory/prohibitory sign type G5—parking sign grids.

(4) Sign plaque specifications.

(a) Colors. Black letters and numbers on standard white background.

(b) Dimensions. 6in. H x 1ft-0in. W.

(c) Message. Parking directive—upper and lower case helvetica medium 1-inch capital

letter height, centered. Average line length—14 characters per line.

(5) *Sign grids.* Figure 3-71.

f. *Parking.* Type G6 signs have been designed to identify reserved parking stalls as shown in figure 3-70, and to supplement the *Manual on Uniform Traffic Control Devices* parking standards. Parking regulations for the physically handicapped are given in paragraph 3-9e.

Type G6 signs may be free-standing or wall-mounted. In addition, curb markings are recommended since they are less obtrusive than sign panels on vertical posts. Sign placement

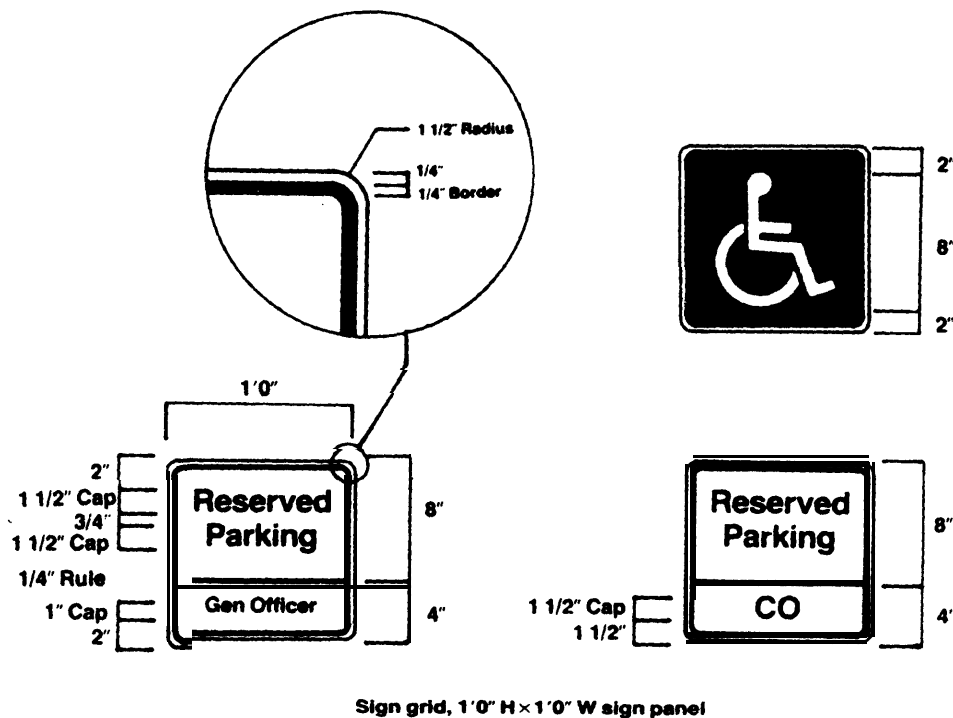
guidelines should follow guidelines in the *Manual on Uniform Traffic Control Devices*.

(1) *Sign grid 1 specifications.*

(a) *Colors.* Black letters and numbers on white background.

(b) *Dimensions.* 1ft-0in. H x 1ft-0in. W.

(c) *Message.* Parking directive—upper and lower case helvetica medium, 1 1/2-inch capital letter height, centered. Average line length—nine characters per line. Name—upper and lower case helvetica medium 1-inch capital letter height, centered. Average line length—14 characters per line.



Curb Markings

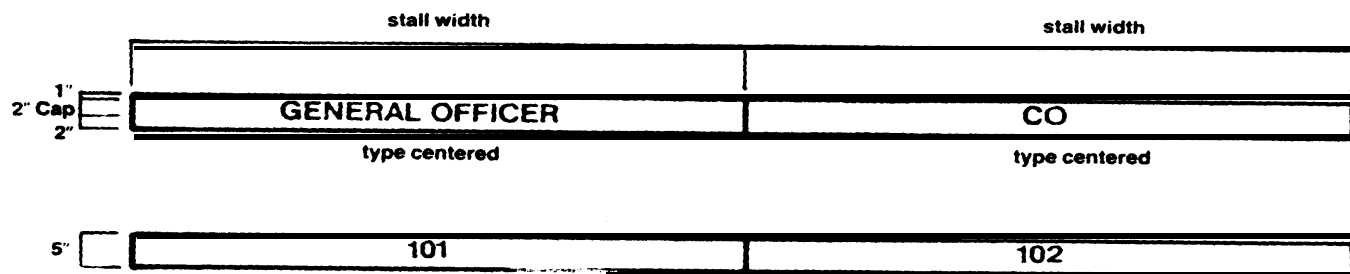


Figure 3-72. Exterior mandatory/prohibitory sign type G6—parking sign grid.

(2) *Sign grid 2 specifications.*

(a) *Colors.* Black letters and numbers on white background.

(b) *Dimensions.* 1 ft-0in. H × 1 ft-0in. W.

(c) *Message.* Parking directive—upper and lower case helvetica medium, 1½-inch capital letter height, centered. Average line length—nine characters per line. Name—upper and lower case helvetica medium, 1½-inch capital letter height, centered. Average line length—nine characters per line.

(3) *Curb marking specifications.*

(a) *Colors.* Black letters and numbers on white background.

(b) *Dimensions.* 5in. H × width of stall.

(c) *Message.* Name—upper and lower case helvetica medium, 2-inch capital letter height, centered.

(4) *Sign grids.* Figure 3-72.

g. *Special traffic.* Type G7 signs which identify special traffic conditions, such as tactical equipment limits and trail crossings, follow

guidelines established in *Traffic Engineering for Better Signs and Markings* published by the Military Traffic Management Command and standards in the *Manual on Uniform Traffic Control Devices*.

3-10. Informational signs. Information signs are used to provide educational information and directional guidance for visitors. There are two type of signs:

—Sign type H1, exhibit information.

—Sign type H2, pedestrian information.

Graphics on sign type H1 appear on only one side of the sign, since these signs are located in front of an exhibit or placed parallel to a roadway or sidewalk. Graphics on sign type H2 generally appear on both sides of the sign to permit viewing by people moving in both directions. An overview of these signs is shown in figure 3-73. Sign placement guidelines are described in paragraph 3-11. Sign structures are given in appendix A.

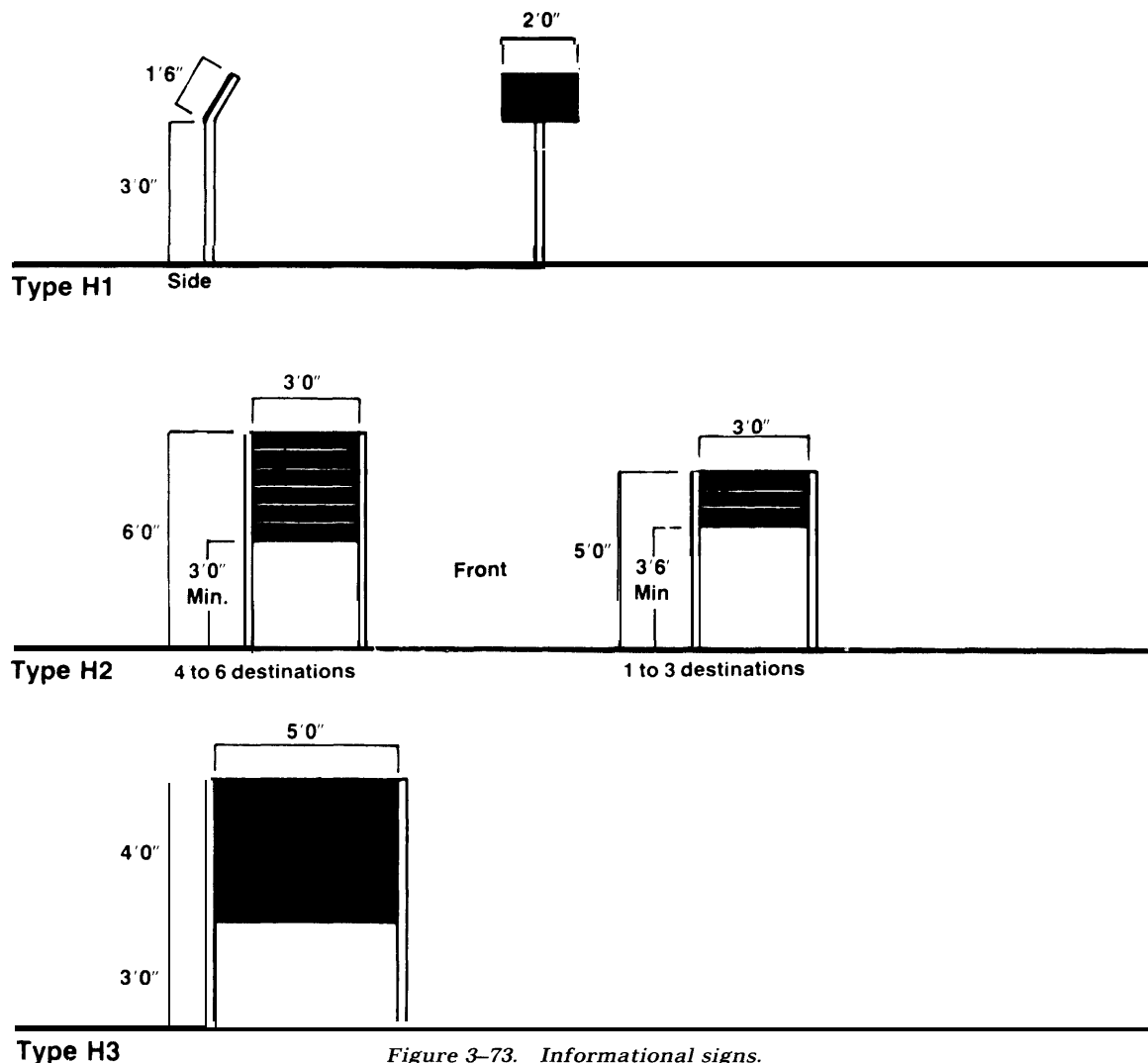


Figure 3-73. Informational signs.

a. *Exhibit.* Type H1 signs are used to display information on exhibits of a large or small scale. An example of a type H1 sign is shown in figure 3-74. To facilitate reading, the sign panel is placed at an angle on the sign base. For each exhibit the amount of text and number of illustrations

to be shown will vary. To position body copy and illustrations the sign grid is divided into columns as appropriate. A sample sign grid is shown in figure 3-75. The capital letter height will depend on the amount of text to be used. Graphics appear on only one side of these signs.

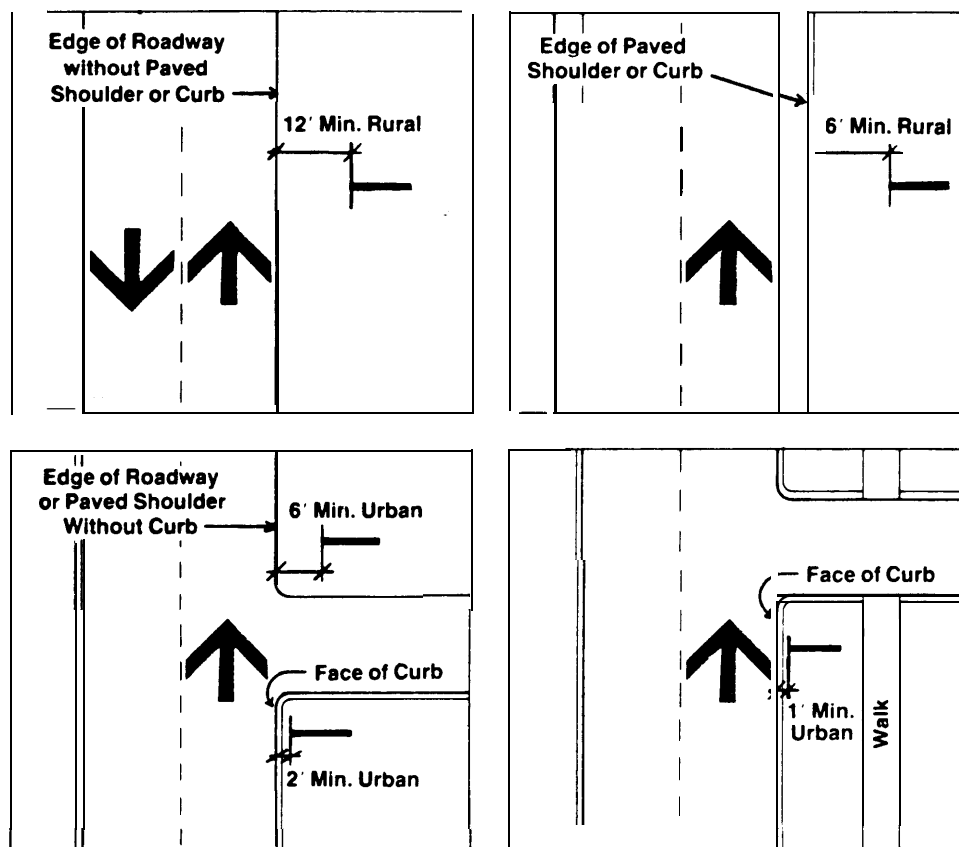


Figure 3-74. Exterior informational sign type H1—exhibit.

(1) *Colors.* Header—white letters and numbers on standard brown background. Sign body—standard brown letters and numbers on white background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 1ft-6in. H x 2ft-0in. W.

(b) *Message.* Header title—upper and lower case helvetica medium, 1 1/2-inch capital letter height, flush left. Average line length—31 characters per line.

(3) *Sign grid.* Figure 3-75.

b. *Pedestrian.* Type H2 signs provide directional guidance for pedestrians as shown in figure 3-76. These signs are fabricated from modular sign panels with one destination per panel so that messages can be changed without remaking the entire sign face. Pedestrian signs

which are not expected to receive frequent message changes should be fabricated from a single sign panel. Messages are grouped in the following order according to their arrow direction: forward, left, and right. In addition, placement of the message on the sign panel is determined by the arrow direction; destinations forward and left have flush left messages, destinations right have flush right messages. The arrow is centered in the space between the message and the edge of the sign. No more than six panels may be mounted on a single base with a maximum of one message line per panel.

(1) *Colors.* White letters, numbers, arrows, and rules on standard green background.

(2) *Sign grid specifications.*

(a) *Dimensions.* 6 in. H x 3ft-0in. W.

(b) *Message.* Destination name—upper and lower case helvetica medium, 2-inch capital letter height, flush right or left depending on destination direction. Average line length—18

characters per line.

(c) *Arrow.* Standard arrow (fig. 2-6).

(d) *Rule.* 1/8-inch wide white tape. _

(3) *Sign grid.* Figure 3-77.

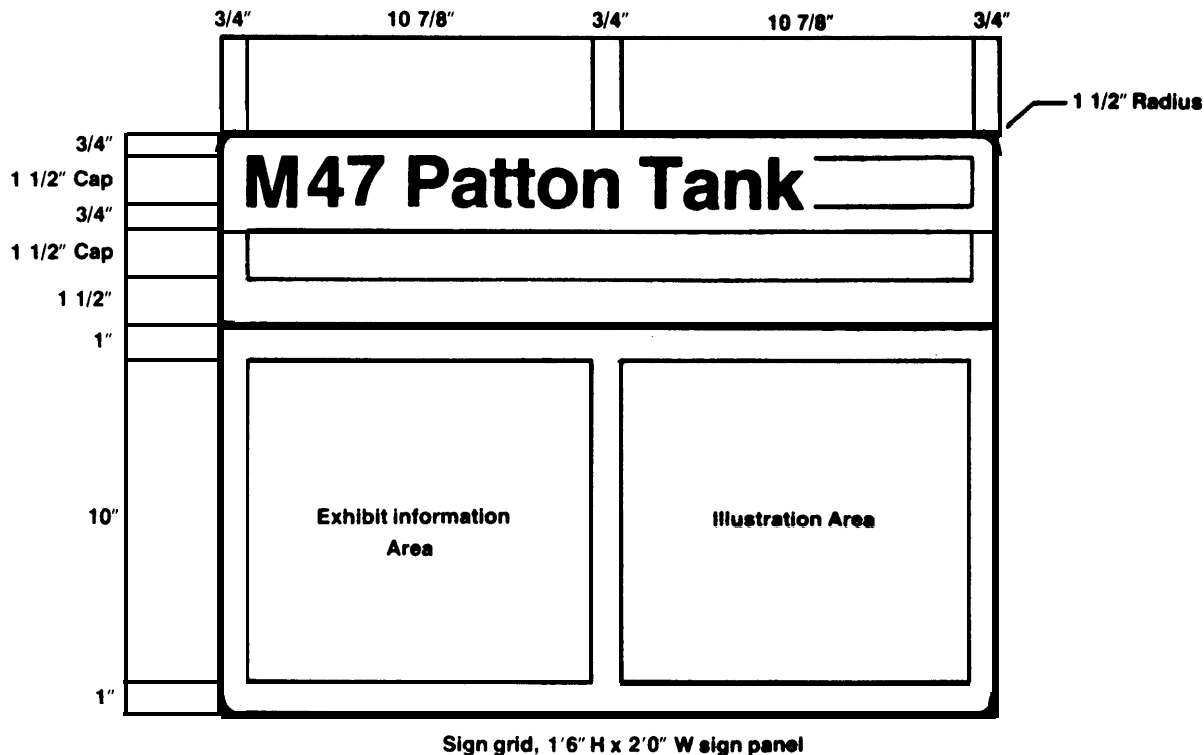


Figure 3-75. Exterior informational sign type H1—exhibit sign grid.

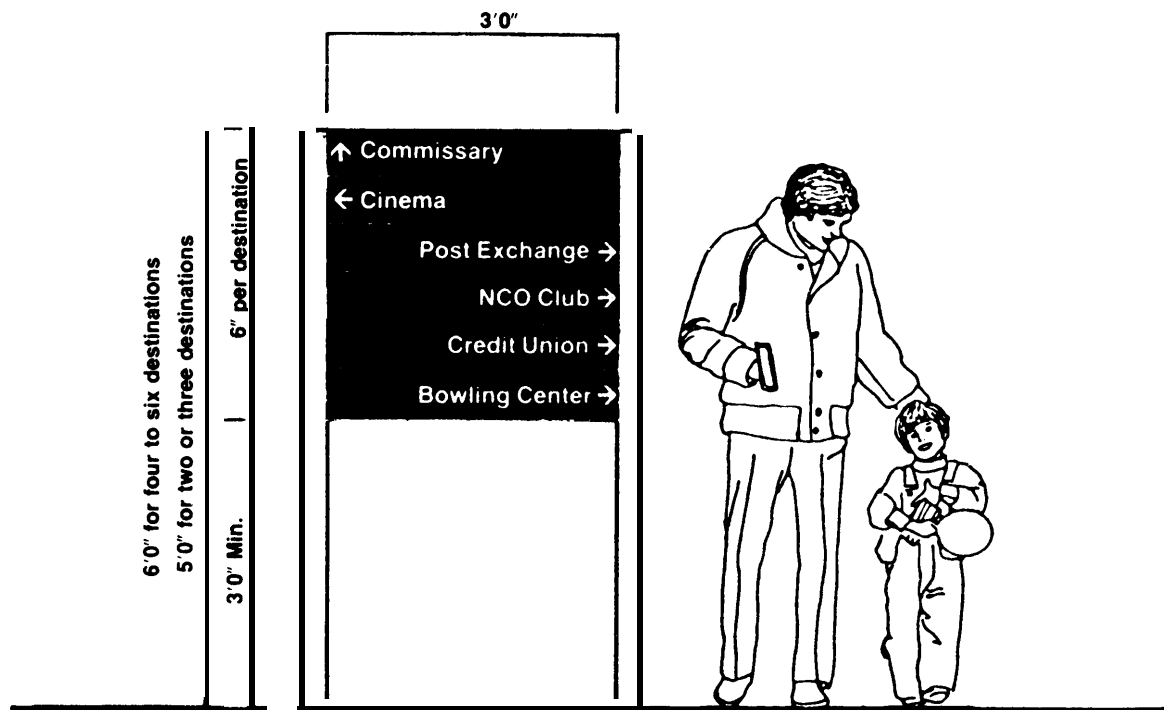
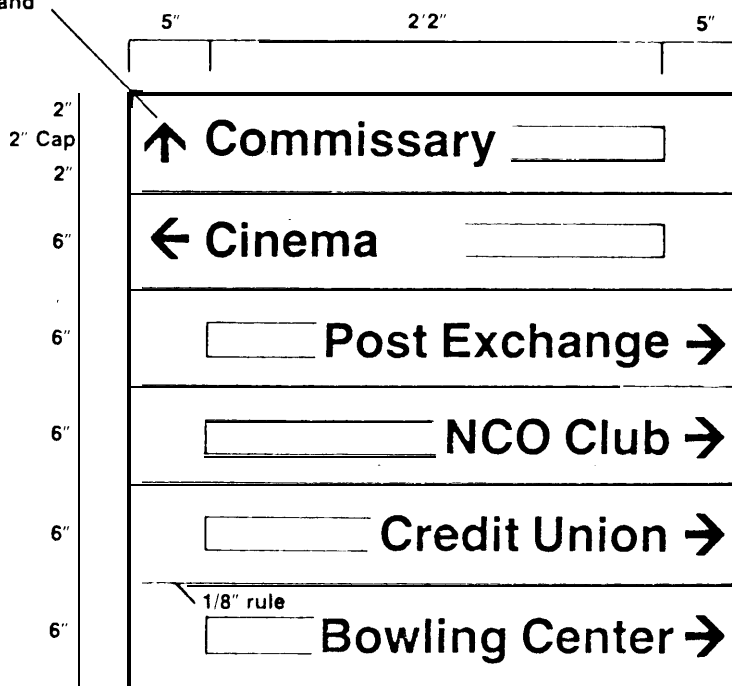


Figure 3-76. Exterior informational sign type H2—pedestrian.

Center the arrow in the space between the message and the edge of the sign



Sign grid, Variable height x 3' 0" W sign panel

Figure 3-77. Exterior informational sign type H2—guide sign grid.

3-11. Sign placement guidelines. Based on speed and direction of travel, sign placement should allow adequate reaction time for destination identification and changes in direction by the user. Concurrently, traffic hazards caused by signs either from proximity to the right-of-way or from visual obstruction should be avoided. Breakaway or yielding sign supports in accordance with local state standards and/or approved by the Federal Highway Administration should be provided for signs placed less than 12 feet from the edge of the roadway. Placement standards for traffic control signs, which include sign types G5 and G6 are given in the Manual on Uniform Traffic Control Devices (MUTCD). Other designs should be placed using the guidelines below which are intended to meet or exceed MUTCD standards. It is recommended that proposed sign locations be staked and checked by the facility engineer for visibility and interference from or with other structures at the site before erection of the signs.

a. Setback guidelines. A minimum setback of 12 feet is recommended, whenever possible, for all identification, warning, informational, and motivational signs. Setback guidelines are illustrated in figure 3-78.

(1) *Rural areas.* In rural or outlying areas,

signs should be placed with a minimum setback of 12 feet from the edge of a roadway without a paved shoulder or curb and 6 feet from the edge of any paved shoulder or face of curb.

(2) *Urban areas.* In urban areas where preferred minimum setbacks are impractical, signs should be placed a minimum of 6 feet from the edge of the roadway or paved shoulder and 2 feet from the face of any curb. Where the sidewalk width is limited or where existing poles are close to the curb, signs may be placed 1 foot from the face of the curb.

b. Location guidelines. Since site conditions vary greatly, guidelines must be general and sign locations must ultimately rely on the use of good judgement.

(1) *Identification signage.* Installation and major facility identification signs should be placed parallel to the flow of traffic with a setback of 20 to 30 feet from the edge of the roadway. Other building or facility identification signage should be located close to the entrance or vehicular access point and perpendicular to the road to permit viewing by traffic moving in both directions. An example of location guidelines is given in figure 3-79. Building entrance signs should be wall-mounted adjacent to the entry point. Preferred sign placement is to the

left of double door entrances and to the side opposite the hinges on a single door. Building numbers should be placed on the sides of a building only where rapid identification is necessary.

(2) *Motivational signage.* Installation motivational signs should be placed inside the main gate and perpendicular to the roadway to permit viewing by traffic entering the installation. Standard motivational signs should be placed in designated open areas free from other signs or obstructions. These signs should be placed parallel to the flow of traffic and have a

minimum setback 12 feet from the edge of the roadway. Unit motivational signs should be placed parallel to the flow of traffic and located so that they do not conflict with building identification signs.

(3) *Informational signs.* Exhibit signs should be placed in the vicinity of the exhibit, oriented toward the principal direction from which a visitor would view the exhibit. Pedestrian guide signs should be located perpendicular to the pathway with a minimum setback of 1 foot from the edge of the sidewalk or pathway.

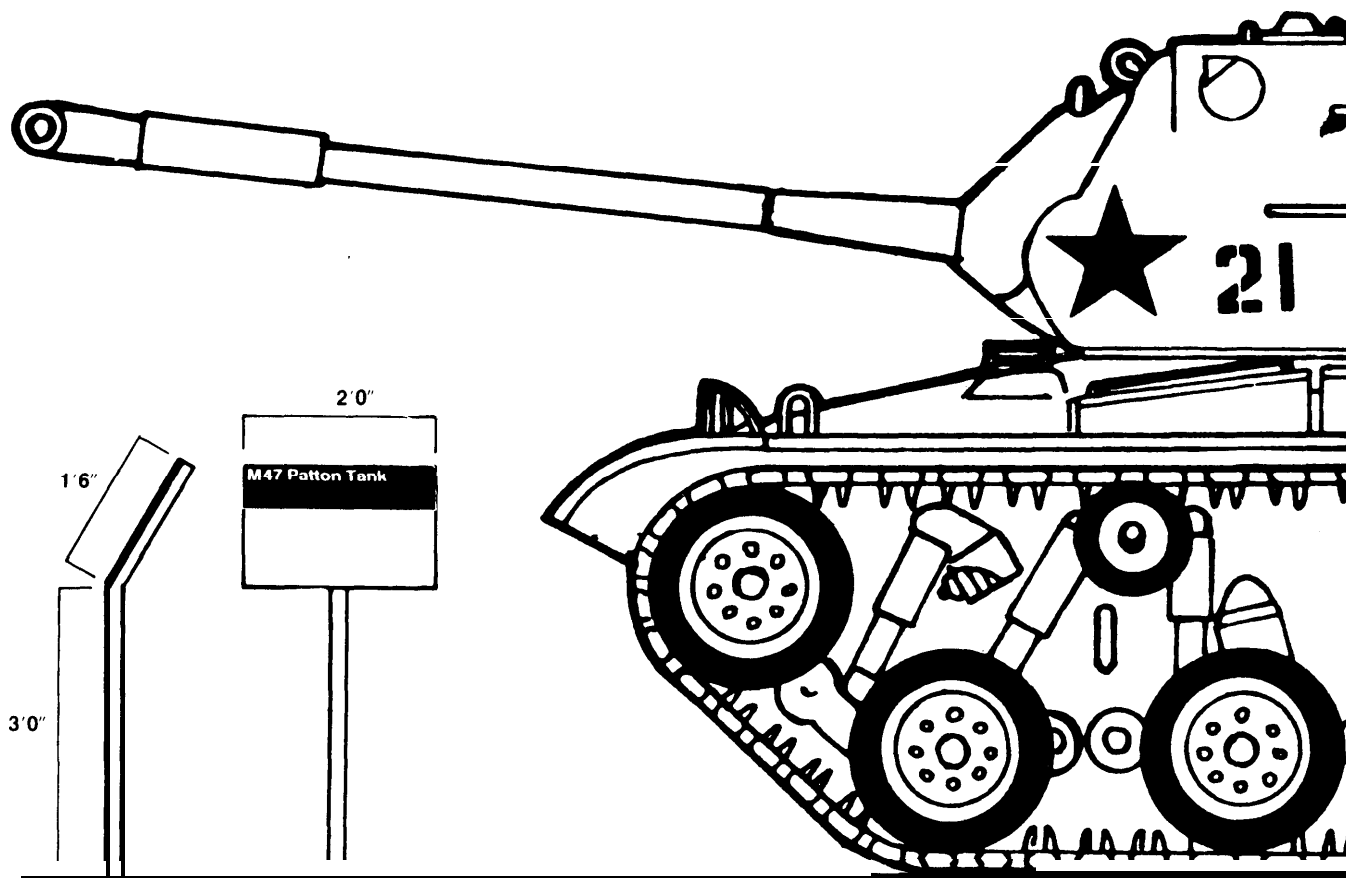


Figure 3-78. Exterior sign placement setback guidelines.

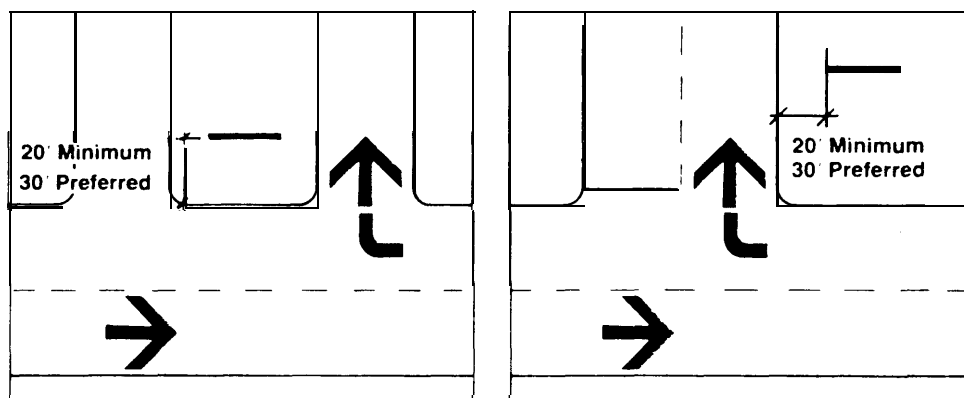


Figure 3-79. Exterior primary installation or facility entrance location guidelines.